

BIOLARGO, INC.  
Form S-1/A  
March 30, 2017  
Table of Contents

**As filed with the Securities and Exchange Commission on March 30, 2017**

**Registration No. 333-215730**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, DC 20549**

**AMENDMENT NO. 1 TO FORM S-1**

**REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

**BIOLARGO, INC.**

(Exact name of registrant as specified in its charter)

<b>Delaware</b>	<b>2800</b>	<b>65-0159115</b>
(State or other jurisdiction of incorporation or organization)	(Primary Standard Industrial Classification Code Number)	(I.R.S. Employer Identification No.)

**BioLargo, Inc.**  
**14921 Chestnut St.**

**Westminster, CA 92683**

**(949) 643-9540**  
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Copy to:  
**Christopher A. Wilson, Esq.**

**Gilbert J. Bradshaw, Esq.**

**Wilson & Oskam, LLP**  
**9110 Irvine Center Drive**  
**Irvine, CA 92618**  
**Tel: (949) 752-1100/Fax: (949) 752-1144**

**cwilson@wilsonoskam.com**

**Agents and Corporations, Inc.**

**1201 Orange Street, Suite 600**

**Wilmington, DE 19801**

**(302) 575-0877**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Approximate date of commencement of proposed sale to the public:

**From time to time after this registration statement is declared effective.**

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box:

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company.

Large accelerated filer: Accelerated filer: Non-accelerated filer: Smaller reporting company:

Table of Contents**CALCULATION OF REGISTRATION FEE**

<b>Title of Each Class of Securities to be Registered</b>	<b>Number of Shares</b>	<b>Conversion/Exercise Price Per Share(2)</b>	<b>Maximum Aggregate Conversion/Exercise Price(1)(2)</b>	<b>Amount of Registration Fee(1)(3)</b>
<b>Shares of Common Stock, par value \$0.00067 per share, to be Offered by Selling Stockholders</b>	36,090,857	\$0.25-\$0.78	<b>\$14,779,138 (4)</b>	<b>1,712.78</b>

- (1) Calculated in accordance with Rule 457(o) under the Securities Act of 1933, as amended.
- (2) The Company's offerings were conducted with varying "pricing supplements" which varied in price. We provide the range of conversion/exercise prices here.
- (3) Registration fee has been paid via Fedwire.  
The amount represented as the Maximum Conversion/Exercise Price includes (a) funds already received by the Registrant in conjunction with the sale and issuance of convertible notes in the years ended December 31, 2015 and December 31, 2016, (ii) funds already received by the Registrant in conjunction with the exercise of stock purchase warrants in the year ended December 31, 2016, and (iii) funds yet to be received by the Registrant in conjunction with the exercise of stock purchase warrants.

**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.**

Since January 23, 2008, our common stock has been quoted on the OTC Markets "OTCQB" marketplace (formerly known as the "OTC Bulletin Board") under the trading symbol "BLGO."

Table of Contents

The information in this prospectus is not complete and may be changed. These securities may not be sold until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

PROSPECTUS (Subject to Completion)

Dated: March 30, 2017

**PROSPECTUS**

**36,090,857 shares of common stock**

This prospectus covers 36,090,857 shares of stock that were issued as part of a series of private offerings already completed by the Company. Of that amount: (i) 15,068,775 shares are issuable upon conversion of convertible promissory notes issued to investors in our 2015 Unit Offering, as defined herein, the proceeds for which were received in the years ended December 31, 2015 and 2016; (ii) 19,660,544 shares issued or issuable upon the exercise of stock purchase warrants; and (iii) 1,361,538 shares are currently issued and outstanding as payment for interest on convertible promissory notes.

**The securities offered in this prospectus involve a high degree of risk. You should consider the risk factors beginning on page 3 before purchasing our common stock.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.**

The date of this prospectus is March 30, 2017



Table of Contents

**TABLE OF CONTENTS**

<u>PROSPECTUS SUMMARY</u>	1
<u>ABOUT THIS REGISTRATION</u>	2
<u>RISK FACTORS</u>	3
<u>CAUTIONARY NOTE REGARDING FORWARD LOOKING STATEMENTS</u>	9
<u>USE OF PROCEEDS</u>	10
<u>DIVIDEND POLICY</u>	10
<u>CAPITALIZATION</u>	11
<u>DILUTION</u>	11
<u>MARKET PRICE OF AND DIVIDENDS ON COMMON EQUITY AND RELATED STOCKHOLDER MATTERS</u>	12
<u>DESCRIPTION OF BUSINESS</u>	13
<u>MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS</u>	25
<u>MANAGEMENT</u>	29
<u>CORPORATE GOVERNANCE</u>	31
<u>EXECUTIVE COMPENSATION</u>	33
<u>SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT</u>	40
<u>CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS</u>	41
<u>DESCRIPTION OF CAPITAL STOCK</u>	42
<u>DESCRIPTION OF THE OFFERING</u>	43
<u>SELLING STOCKHOLDERS</u>	44
<u>PLAN OF DISTRIBUTION</u>	47
<u>DISCLOSURE OF SEC POSITION ON INDEMNIFICATION FOR SECURITIES ACT LIABILITIES</u>	48
<u>LEGAL OPINION</u>	48
<u>EXPERTS</u>	48
<u>ADDITIONAL INFORMATION</u>	48
<u>INDEX TO FINANCIAL STATEMENTS</u>	50
<u>PART II – INFORMATION NOT REQUIRED IN PROSPECTUS</u>	51

Unless otherwise specified, the information in this prospectus is set forth as of March 30, 2017, and we anticipate that changes in our affairs will occur after such date. We have not authorized any person to give any information or to make any representations, other than as contained in this prospectus, in connection with the offer contained in this prospectus. If any person gives you any information or makes representations in connection with this offer, do not rely on it as information we have authorized. This prospectus is not an offer to sell our common stock in any state or other jurisdiction to any person to whom it is unlawful to make such offer.





Table of Contents

**PROSPECTUS SUMMARY**

The following summary highlights selected information from this prospectus and may not contain all the information that is important to you. To understand our business and this registration statement fully, you should read this entire prospectus carefully, including the financial statements and the related notes beginning on page F-1. When we refer in this prospectus to “BioLargo,” the “company,” “our company,” “we,” “us” and “our,” we mean BioLargo, Inc., a Delaware corporation, and its subsidiaries, BioLargo Life Technologies, Inc., a California corporation, Odor-No-More, Inc., a California corporation, BioLargo Water USA, Inc., a California corporation (and its subsidiary, BioLargo Water, Inc., a Canadian corporation), BioLargo Maritime Solutions, Inc., a California corporation, BioLargo Development Corp., a California corporation, and Clyra Medical Technologies, Inc., a California corporation. This prospectus contains forward-looking statements and information relating to BioLargo. See “Cautionary Note Regarding Forward Looking Statements” on page 9.

**Our Company**

BioLargo, Inc. is a Delaware corporation.

Our principal executive offices are located at 14921 Chestnut St., Westminster, CA 92683. Our telephone number is (949) 643-9540.

Table of Contents

**The Registration Statement**

This prospectus covers 36,090,857 shares of stock. Of that amount: (i) 15,068,775 shares are issuable upon conversion of convertible promissory notes issued to investors in our 2015 Unit Offering, as defined herein, the proceeds for which were received in the years ended December 31, 2015 and 2016; (ii) 19,660,544 shares issued or issuable upon the exercise of stock purchase warrants; and (iii) 1,361,538 shares are currently issued and outstanding as payment for interest on convertible promissory notes.

**ABOUT THIS REGISTRATION**

**Securities Being Registered**

This Prospectus covers the following shares, all of which are being sold by the selling stockholders: 34,729,319 shares of common stock of BioLargo issuable upon the conversion of outstanding notes and the exercise of outstanding warrants to purchase common stock, and 1,361,538 outstanding shares.

**Conversion/Exercise Price**

The price for the 15,068,775 shares to be issued by the Company upon conversion of the convertible notes is equal to the proceeds received by the Company in 2015 and 2016 for the purchase of those notes, which was \$5,170,282, or an average of \$0.34 per share; The 19,660,544 shares issued and to be issued by the company upon the exercise of stock purchase warrants equals the exercise price of the warrants which range from \$0.40 to \$0.75 per share, and average \$0.47 per share. The 1,361,538 shares currently issued and outstanding for the payment of interest were issued at an average \$0.53 per share. The selling stockholders will sell up all of these shares of our common stock at prices established on the OTC Electronic Bulletin Board during the term of this registration statement, at prices different than prevailing market prices or at privately negotiated prices.

**Termination of the Offering**

The offering will conclude when all the 36,090,857 shares of common stock registered hereby have been sold by the selling stockholders.

**Risk Factors**

An investment in our common stock is highly speculative and involves a high degree of risk. See "Risk Factors" beginning on page 3.

Table of Contents

**RISK FACTORS**

*An investment in our common stock is highly speculative, involves a high degree of risk and should be made only by investors who can afford a complete loss. You should carefully consider the following risk factors, together with the other information in this prospectus, including our financial statements and the related notes, before you decide to buy our common stock. If any of the following risks actually occur, then our business, financial condition or results of operations could be materially adversely affected, the trading of our common stock could decline, and you may lose all or part of your investment therein.*

**Risks Relating to our Business**

*Our limited operating history makes evaluation of our business difficult.*

We have limited historical financial data upon which to base planned operating expenses or forecast accurately our future operating results. Further, our limited operating history will make it difficult for investors and securities analysts to evaluate our business and prospects. Our failure to address these risks and difficulties successfully could seriously harm us.

*We have never generated any significant revenues, have a history of losses and cannot assure you that we will ever become or remain profitable.*

We have not yet generated any significant revenue from operations, and, accordingly, we have incurred net losses every year since our inception. To date, we have dedicated most of our financial resources to research and development, general and administrative expenses and initial sales and marketing activities. We have funded the majority of our activities through the issuance of convertible debt or equity securities. We anticipate net losses and negative cash flow to continue for the foreseeable future until such time as licensing or operating revenue is generated in sufficient amounts to offset operating losses. Our ability to achieve profitability is dependent upon our continuing research and development, product development, and sales and marketing efforts, and our ability to successfully license our technology. There can be no assurance that our revenues will be sufficient for us to become profitable or thereafter maintain profitability. We may also face unforeseen problems, difficulties, expenses or delays in implementing our business plan.

***Our cash requirements are significant. The failure to raise additional capital will have a significant adverse effect on our financial condition and our operations.***

Our cash requirements and expenses will continue to be significant. Our net cash used in continuing operations for the years ended December 31, 2016 and 2015 was \$3,720,912 and \$1,883,342, respectively. These negative cash flows are primarily related to operating losses and, to a lesser extent, fluctuations in working capital items. We continue to use cash in 2017 as it becomes available, and we anticipate that we will require significant additional financing for working capital requirements for the foreseeable future to continue the development, marketing and licensure of our technology and products based on our technology. Although we have been successful in raising funds in the past, there can be no assurance that we will be able to successfully raise funds in the future. The failure to raise additional capital will have a significant adverse effect on our financial condition, our operations and our ability to market and sell our products. Our ability to continue as a going concern is dependent on our ability to raise capital, and ultimately to generate cash from operations.

***From time to time, we issue stock, instead of cash, to pay some of our operating expenses. These issuances are dilutive to our existing stockholders.***

We are party to agreements that provide for the payment of, or permit us to pay at our option, securities in consideration for services provided to us. We routinely pay employees, vendors and consultants in stock or stock options, rather than cash, for services provided, and we anticipate doing so in the future. All such issuances are dilutive to our stockholders because they increase (or can increase in the future) the total number of shares of our common stock issued and outstanding, even though such arrangements assist us with managing our cash flow at a time of increasing operating expenses coupled with decreased and further decreasing liquidity.

***Our stockholders face further potential dilution in any new financing.***

Any additional equity that we raise would dilute the interest of the current stockholders and any persons who may become stockholders before such financing. Given the low price of our common stock, such dilution in any financing of a significant amount could be substantial.

Table of Contents

***Our stockholders face further potential adverse effects from the terms of any preferred stock that may be issued in the future.***

In order to raise capital to meet expenses or to acquire a business, our board of directors may issue additional stock, including preferred stock. Any preferred stock that we may issue may have voting rights, liquidation preferences, redemption rights and other rights, preferences and privileges. The rights of the holders of our common stock will be subject to, and in many respects subordinate to, the rights of the holders of any such preferred stock. Furthermore, such preferred stock may have other rights, including economic rights, senior to our common stock that could have a material adverse effect on the value of our common stock. Preferred stock, while providing desirable flexibility in connection with possible acquisitions and other corporate purposes, can also have the effect of making it more difficult for a third party to acquire a majority of our outstanding voting stock, thereby delaying, deferring or preventing a change in control of our company.

***There are several specific business opportunities we are considering in further development of our business. None of these opportunities is yet the subject of a definitive agreement, and most or all of these opportunities will require additional funding obligations on our part, for which funding is not currently in place.***

In furtherance of our business plan, we are presently considering a number of opportunities to promote our business, to further develop and broaden, and to license, our technology with third parties. While discussions are underway with respect to such opportunities, there are no definitive agreements in place with respect to any of such opportunities at this time. There can be no assurance that any of such opportunities being discussed will result in definitive agreements or, if definitive agreements are entered into, that they will be on terms that are favorable to us.

Moreover, should any of these opportunities result in definitive agreements being executed or consummated, we may be required to expend additional monies above and beyond our current operating budget to promote such endeavors. No such financing is in place at this time for such endeavors, and we cannot assure you that any such financing will be available, or if it is available, whether it will be on terms that are favorable to our company.

***The cost of maintaining our public company reporting obligations is high.***

We are obligated to maintain our periodic public filings and public reporting requirements, on a timely basis, under the Rules and Regulations of the SEC. In order to meet these obligations, we will need to continue to raise capital. If adequate funds are not available, we will be unable to comply with those requirements and could cease to be qualified to have our stock traded in the public market. As a public company, we incur significant legal, accounting and other expenses. In addition, the Sarbanes-Oxley Act of 2002, as well as related rules adopted by the SEC, has imposed

substantial requirements on public companies, including certain corporate governance practices and requirements relating to internal control over financial reporting under Section 404 of the Sarbanes-Oxley Act.

*We expect to incur future losses and may not be able to achieve profitability.*

Although we are generating limited revenue from the sale of our products, and we expect to generate revenue from new products we are introducing, and eventually from other license or supply agreements, we anticipate net losses and negative cash flow to continue for the foreseeable future until our products are expanded in the marketplace and they gain broader acceptance by resellers and customers. Our current level of sales is not sufficient to support the financial needs of our business. We cannot predict when or if sales volumes will be sufficiently large to cover our operating expenses. We intend to expand our marketing efforts of our products as financial resources are available, and we intend to continue to expand our research and development efforts. Consequently, we will need to generate significant additional revenue or seek additional financings to fund our operations. This has put a proportionate corresponding demand on capital. Our ability to achieve profitability is dependent upon our efforts to deliver a viable product and our ability to successfully bring it to market, which we are currently pursuing. Although our management is optimistic that we will succeed in licensing our technology, we cannot be certain as to timing or whether we will generate sufficient revenue to be able to operate profitably. If we cannot achieve or sustain profitability, then we may not be able to fund our expected cash needs or continue our operations. If we are not able to devote adequate resources to promote commercialization of our technology, then our business plans will suffer and may fail.

Because we have limited resources to devote to sales, marketing and licensing efforts with respect to our technology, any delay in such efforts may jeopardize future research and development of technologies and commercialization of our technology. Although our management believes that it can finance commercialization efforts through sales of our securities and possibly other capital sources, if we do not successfully bring our technology to market, our ability to generate revenues will be adversely affected.

*If we are not able to manage our anticipated growth effectively, we may not become profitable.*

We anticipate that expansion will continue to be required to address potential market opportunities for our technology and our products. Our existing infrastructure is limited, is not scalable and will not support future growth, if any. There can be no assurance that we will have the financial resources to create new infrastructure, or that any such infrastructure will be sufficiently scalable to manage future growth, if any. There also can be no assurance that, if we invest in additional infrastructure, we will be effective in expanding our operations or that our systems, procedures or controls will be adequate to support such expansion. In addition, we will need to provide additional sales and support services to our partners if we achieve our anticipated growth with respect to the sale of our technology for various applications. Failure to properly manage an increase in customer demands could result in a material adverse effect on customer satisfaction, our ability to meet our contractual obligations and on our operating results.



Table of Contents

***Some of the products incorporating our technology will require regulatory approval.***

The products in which our technology may be incorporated have both regulated and non-regulated applications. The regulatory approvals for certain applications may be difficult, impossible, time consuming and/or expensive to obtain. While our management believes such approvals can be obtained for the applications contemplated, until those approvals from the FDA or the EPA or other regulatory bodies, if required, at the federal and state levels, as may be required are obtained, we may not be able to generate commercial revenues. Certain specific regulated applications and their use require highly technical analysis and additional third party validation and will require regulatory approvals from organizations like the FDA. Certain applications may also be subject to additional state and local agency regulations, increasing the cost and time associated with commercial strategies. Additionally, most products incorporating our technology that may be sold in the European Union (“EU”) will require EU and possibly also individual country regulatory approval. All such approvals, including additional testing, are time-consuming, expensive and do not have assured outcomes of ultimate regulatory approval.

***We need to outsource and rely on third parties for the manufacture of the chemicals, material components or delivery apparatus used in our technology, and part of our future success will be dependent on the timeliness and effectiveness of the efforts of these third parties.***

We do not have the required financial and human resources or capability to manufacture the chemicals that comprise our technology. Our business model calls for the outsourcing of the manufacture of these chemicals in order to reduce our capital and infrastructure costs as a means of potentially improving our financial position and the profitability of our business. Accordingly, we must enter agreements with other companies that can assist us and provide certain capabilities, including sourcing and manufacturing, which we do not possess. We may not be successful in entering into such alliances on favorable terms or at all. Even if we do succeed in securing such agreements, we may not be able to maintain them. Furthermore, any delay in entering into agreements could delay the development and commercialization of our technology or reduce its competitiveness even if it reaches the market. Any such delay related to such future agreements could adversely affect our business.

***If any party to which we have outsourced certain functions fails to perform its obligations under agreements with us, the commercialization of our technology could be delayed or curtailed.***

To the extent that we rely on other companies to manufacture the chemicals used in our technology, or sell or market products incorporating our technology, we will be dependent on the timeliness and effectiveness of their efforts. If any of these parties does not perform its obligations in a timely and effective manner, the commercialization of our technology could be delayed or curtailed because we may not have sufficient financial resources or capabilities to continue such efforts on our own.



***We rely on a small number of key supply ingredients in order to manufacture our products.***

All of the supply ingredients used to manufacture our products are readily available from multiple suppliers. However, commodity prices for these ingredients can vary significantly, and the margins that we are able to generate could decline if prices rise. If our manufacturing costs rise significantly, we may be forced to raise the prices for our products, which may reduce their acceptance in the marketplace.

***If our technology or products incorporating our technology do not gain market acceptance, it is unlikely that we will become profitable.***

The potential markets for products into which our technology can be incorporated are rapidly evolving, and we have many successful competitors including some of the largest and most well-established companies in the world (see, herein: “Description of Business—Competition.”) At this time, our technology is unproven in commercial use, and the use of our technology by others, and the sales of our products, is nominal. Although our industrial odor control product, CupriDyne Clean, has been through many commercial trials, few clients have purchased the product and we consider this experience to be early and not complete. The commercial success of products incorporating our technology will depend on the adoption of our technology by commercial and consumer end users in various fields.

Market acceptance may depend on many factors, including:

the willingness and ability of consumers and industry partners to adopt new technologies from a company with little or no history in the industry;

Table of Contents

our ability to convince potential industry partners and consumers that our technology is an attractive alternative to other competing technologies;

our ability to license our technology in a commercially effective manner;

our ability to continue to fund operations while our products move through the process of gaining acceptance, prior to the time in which we are able to scale up production to obtain economies of scale; and

our ability to overcome brand loyalties.

If products incorporating our technology do not achieve a significant level of market acceptance, then demand for our technology itself may not develop as expected, and in such event, it is unlikely that we will become profitable.

***Any revenues that we may earn in the future are unpredictable, and our operating results are likely to fluctuate from quarter to quarter.***

We believe that our future operating results will fluctuate due to a variety of factors, including:

- delays in product development by us or third parties;
- market acceptance of products incorporating our technology;
- changes in the demand for, and pricing, of products incorporating our technology;
- competition and pricing pressure from competitive products; and
- expenses related to, and the results of, proceedings relating to our intellectual property.

We expect our operating expenses will continue to fluctuate significantly in 2017 and beyond, as we continue our research and development and increase our marketing and licensing activities. Although we expect to generate revenues from licensing our technology in the future, revenues may decline or not grow as anticipated, and our operating results could be substantially harmed for a particular fiscal period. Moreover, our operating results in some quarters may not meet the expectations of stock market analysts and investors. In that case, our stock price most likely would decline.

***We have limited product distribution experience, and we rely in part on third parties who may not successfully sell our products.***

We have limited product distribution experience and rely in part on product distribution arrangements with third parties. In our future product offerings, we may rely solely on third parties for product sales and distribution. We also plan to license our technology to certain third parties for commercialization of certain applications. We expect to enter into additional distribution agreements and licensing agreements in the future, and we may not be able to enter into these additional agreements on terms that are favorable to us, if at all. In addition, we may have limited or no control over the distribution activities of these third parties. These third parties could sell competing products and may devote insufficient sales efforts to our products. As a result, our future revenues from sales of our products, if any, will depend on the success of the efforts of these third parties.

***We may not be able to attract or retain qualified senior personnel.***

We believe we are currently able to manage our current business with our existing management team. However, as we expand the scope of our operations, we will need to obtain the full-time services of additional senior management and other personnel. Competition for highly-skilled personnel is intense, and there can be no assurance that we will be able to attract or retain qualified senior personnel. Our failure to do so could have an adverse effect on our ability to implement our business plan. As we add full-time senior personnel, our overhead expenses for salaries and related items will increase from current levels and, depending upon the number of personnel we hire and their compensation packages, these increases could be substantial.

***If we lose our key personnel or are unable to attract and retain additional personnel, we may be unable to achieve profitability.***

Our future success is substantially dependent on the efforts of our senior management, particularly Dennis P. Calvert, our president and chief executive officer, and Kenneth Reay Code, our chief science officer. The loss of the services of either of these officers or other members of our senior management may significantly delay or prevent the achievement of product development and other business objectives. Because of the scientific nature of our business, we depend substantially on our ability to attract and retain qualified marketing, scientific and technical personnel. There is intense competition among specialized and technologically-oriented companies for qualified personnel in the areas of our activities. If we lose the services of, or do not successfully recruit, key marketing, scientific and technical personnel, then the growth of our business could be substantially impaired. At present, we do not maintain key man insurance for any of our senior management, although management is evaluating the potential of securing this type of insurance in the future as may be available.

Table of Contents

***Nondisclosure agreements with employees and others may not adequately prevent disclosure of trade secrets and other proprietary information.***

In order to protect our proprietary technology and processes, we rely in part on nondisclosure agreements with our employees, potential licensing partners, potential manufacturing partners, testing facilities, universities, consultants, agents and other organizations to which we disclose our proprietary information. These agreements may not effectively prevent disclosure of confidential information and may not provide an adequate remedy in the event of unauthorized disclosure of confidential information. In addition, others may independently discover trade secrets and proprietary information, and in such cases we could not assert any trade secret rights against such parties. Costly and time-consuming litigation could be necessary to enforce and determine the scope of our proprietary rights, and failure to obtain or maintain trade secret protection could adversely affect our competitive business position. Since we rely on trade secrets and nondisclosure agreements, in addition to patents, to protect some of our intellectual property, there is a risk that third parties may obtain and improperly utilize our proprietary information to our competitive disadvantage. We may not be able to detect unauthorized use or take appropriate and timely steps to enforce our intellectual property rights.

***We may become subject to product liability claims.***

As a business that manufactures and markets products for use by consumers and institutions, we may become liable for any damage caused by our products, whether used in the manner intended or not. Any such claim of liability, whether meritorious or not, could be time-consuming and/or result in costly litigation. Although we maintain general liability insurance, our insurance may not cover potential claims of the types described above and may not be adequate to indemnify for all liabilities that may be imposed. Any imposition of liability that is not covered by insurance or is in excess of insurance coverage could harm our business and operating results, and you may lose some or all of any investment you have made, or may make, in our company.

***Litigation or the actions of regulatory authorities may harm our business or otherwise distract our management.***

Substantial, complex or extended litigation could cause us to incur major expenditures and distract our management. For example, lawsuits by employees, former employees, stockholders, partners, customers or others, or actions taken by regulatory authorities, could be very costly and substantially disrupt our business. Such lawsuits or actions could from time to time be filed against our company and/or our executive officers and directors. Such lawsuits and actions are not uncommon, and we cannot assure you that we will always be able to resolve such disputes or actions on terms favorable to our company.

***If we suffer negative publicity concerning the safety or efficacy of our products, our sales may be harmed.***

If concerns should arise about the safety or efficacy of any of our products that are marketed, regardless of whether or not such concerns have a basis in generally accepted science or peer-reviewed scientific research, such concerns could adversely affect the market for those products. Similarly, negative publicity could result in an increased number of product liability claims, whether or not those claims are supported by applicable law.

***The licensing of our technology or the manufacture, use or sale of products incorporating our technology may infringe on the patent rights of others, and we may be forced to litigate if an intellectual property dispute arises.***

If we infringe or are alleged to have infringed another party's patent rights, we may be required to seek a license, defend an infringement action or challenge the validity of the patents in court. Patent litigation is costly and time consuming. We may not have sufficient resources to bring these actions to a successful conclusion. In addition, if we do not obtain a license, do not successfully defend an infringement action or are unable to have infringed patents declared invalid, we may:

- incur substantial monetary damages;
- encounter significant delays in marketing our current and proposed product candidates;
- be unable to conduct or participate in the manufacture, use or sale of product candidates or methods of treatment requiring licenses;
- lose patent protection for our inventions and products; or
- find our patents are unenforceable, invalid or have a reduced scope of protection.

Parties making such claims may be able to obtain injunctive relief that could effectively block our company's ability to further develop or commercialize our current and proposed product candidates in the United States and abroad and could result in the award of substantial damages. Defense of any lawsuit or failure to obtain any such license could substantially harm our company. Litigation, regardless of outcome, could result in substantial cost to, and a diversion of efforts by, our company.

Table of Contents

*Our patents are expensive to maintain, our patent applications are expensive to prosecute, and thus we are unable to file for patent protection in many countries.*

Our ability to compete effectively will depend in part on our ability to develop and maintain proprietary aspects of our technology and either to operate without infringing the proprietary rights of others or to obtain rights to technology owned by third parties. Pending patent applications relating to our technology may not result in the issuance of any patents or any issued patents that will offer protection against competitors with similar technology. We must employ patent attorneys to prosecute our patent applications both in the United States and internationally. International patent protection requires the retention of patent counsel and the payment of patent application fees in each foreign country in which we desire patent protection, on or before filing deadlines set forth by the International Patent Cooperation Treaty (“PCT”). We therefore choose to file patent applications only in foreign countries where we believe the commercial opportunities require it, considering our available financial resources and the needs for our technology. This has resulted, and will continue to result, in the irrevocable loss of patent rights in all but a few foreign jurisdictions.

Patents we receive may be challenged, invalidated or circumvented in the future, or the rights created by those patents may not provide a competitive advantage. We also rely on trade secrets, technical know-how and continuing invention to develop and maintain our competitive position. Others may independently develop substantially equivalent proprietary information and techniques or otherwise gain access to our trade secrets.

*We are subject to risks related to future business outside of the United States.*

Over time, we may develop business relationships outside of North America, and as those efforts are pursued, we will face risks related to those relationships such as:

- foreign currency fluctuations;
- unstable political, economic, financial and market conditions;
- import and export license requirements;
- trade restrictions;
- increases in tariffs and taxes;
- high levels of inflation;
- restrictions on repatriating foreign profits back to the United States;
- greater difficulty collecting accounts receivable and longer payment cycles;
- less favorable intellectual property laws, and the lack of intellectual property legal protection;
- regulatory requirements;
- unfamiliarity with foreign laws and regulations; and

- changes in labor conditions and difficulties in staffing and managing international operations.

***The volatility of certain raw material costs may adversely affect operations and competitive price advantages for products that incorporate our technology.***

Most of the chemicals and other key materials that we use in our business, such as minerals, fiber materials and packaging materials, are neither generally scarce nor price sensitive, but prices for such chemicals and materials can be cyclical. Super Absorbent Polymer (SAP) beads, which are a petrochemical derivative, have been subject to periodic scarcity and price volatility from time to time during recent years, although prices are relatively stable at present. Should the volume of our sales increase dramatically, we may have difficulty obtaining SAP beads or other raw materials at a favorable price. Supply and demand factors, which are beyond our control, generally affect the price of our raw materials. We try to minimize the effect of price increases through production efficiency and the use of alternative suppliers. If we are unable to minimize the effects of increased raw material costs, our business, financial condition, results of operations and cash flows may be materially adversely affected.

***Certain of our products sales historically have been highly impacted by fluctuations in seasons and weather.***

Industrial odor control products have proven highly effective in controlling volatile organic compounds that are released as vapors produced by decomposing waste material. Such vapors are produced with the highest degree of intensity in temperatures between 40 degrees Fahrenheit (5 degrees Celcius) and 140 degrees Fahrenheit (60 degrees Celcius). When weather patterns are cold or in times of precipitation, our clients are less prone to use our products, presumably because such vapors are less noticeable or, in the case of precipitation, can be washed away or altered. This leads to unpredictability in use and sales patterns.

### **Risks Relating to our Common Stock**

***Our common stock is thinly traded and largely illiquid.***

Our stock is currently quoted on the OTC Markets (OTCQB). Being quoted on the OTCQB has made it more difficult to buy or sell our stock and from time to time has led to a significant decline in the frequency of trades and trading volume. Continued trading on the OTCQB will also likely adversely affect our ability to obtain financing in the future due to the decreased liquidity of our shares and other restrictions that certain investors have for investing in OTCQB traded securities. While we intend to seek listing on the Nasdaq Stock Market (“Nasdaq”) or another stock exchange when our company is eligible, there can be no assurance when or if our common stock will be listed on Nasdaq or another stock exchange.





Table of Contents

***The market price of our stock is subject to volatility.***

Because our stock is thinly traded, its price can change dramatically over short periods, even in a single day. An investment in our stock is subject to such volatility and, consequently, is subject to significant risk. The market price of our common stock could fluctuate widely in response to many factors, including:

- developments with respect to patents or proprietary rights;
- announcements of technological innovations by us or our competitors;
- announcements of new products or new contracts by us or our competitors;
- actual or anticipated variations in our operating results due to the level of development expenses and other factors;
- changes in financial estimates by securities analysts and whether any future earnings of ours meet or exceed such estimates;
- conditions and trends in our industry;
- new accounting standards;
- general economic, political and market conditions and other factors; and
- the occurrence of any of the risks described in this prospectus.

***You may have difficulty selling our shares because they are deemed “penny stocks”.***

Because our common stock is not quoted on the Nasdaq National Market or Nasdaq Capital Market or listed on a national securities exchange, if the trading price of our common stock remains below \$5.00 per share, which we expect for the foreseeable future, trading in our common stock will be subject to the requirements of certain rules promulgated under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), which require additional disclosure by broker-dealers in connection with any trades involving a stock defined as a penny stock (generally, any non-Nasdaq equity security that has a market price of less than \$5.00 per share, subject to certain exceptions). Such rules require the delivery, before any penny stock transaction, of a disclosure schedule explaining the penny stock market and the risks associated therewith and impose various sales practice requirements on broker-dealers who sell penny stocks to persons other than established customers and accredited investors (generally defined as an investor with a net worth in excess of \$1,000,000 or annual income exceeding \$200,000 individually or \$300,000 together with a spouse). For these types of transactions, the broker-dealer must make a special suitability determination for the purchaser and have received the purchaser’s written consent to the transaction before the sale. The broker-dealer also must disclose the commissions payable to the broker-dealer and current bid and offer quotations for the penny stock and, if the broker-dealer is the sole market-maker, the broker-dealer must disclose this fact and the broker-dealer’s presumed control over the market. Such information must be provided to the customer orally or in writing before or with the written confirmation of trade sent to the customer. Monthly statements must be sent disclosing recent price information for the penny stock held in the account and information on the limited market in penny stocks. The additional burdens imposed on broker-dealers by such requirements could discourage broker-dealers from effecting transactions in our common stock, which could severely limit the market liquidity of our common stock and the ability of holders of our common stock to sell their shares.

*Because our shares are deemed “penny stocks,” new rules make it more difficult to remove restrictive legends.*

Rules put in place by the Financial Industry Regulatory Authority (FINRA) require broker-dealers to perform due diligence before depositing unrestricted common shares of penny stocks, and as such, some broker-dealers, including large national firms, are refusing to deposit previously restricted common shares of penny stocks. As such, it may be more difficult for purchases of shares in our private securities offerings to deposit the shares with broker-dealers and sell those shares on the open market.

*Because we will not pay dividends in the foreseeable future, stockholders will only benefit from owning common stock if it appreciates.*

We have never declared or paid a cash dividend to stockholders. We intend to retain any earnings that may be generated in the future to finance operations. Accordingly, any potential investor who anticipates the need for current dividends from his investment should not purchase our common stock.

#### **CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS**

All statements, other than statements of historical fact, included in this prospectus regarding our strategy, future operations, future financial position, future revenues, projected costs, prospects and plans and objectives of management are forward-looking statements. The words “anticipates,” “believes,” “estimates,” “expects,” “intends,” “may,” “projects,” “will,” “would” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

Table of Contents

We have based these forward-looking statements on our current expectations and projections about future events. Although we believe that the expectations underlying our forward-looking statements are reasonable, these expectations may prove to be incorrect, and all of these statements are subject to risks and uncertainties. Therefore, you should not place undue reliance on our forward-looking statements. We have included important risks and uncertainties in the cautionary statements included in this prospectus, particularly the section titled “Risk Factors” incorporated by reference herein. We believe these risks and uncertainties could cause actual results or events to differ materially from the forward-looking statements that we make. Should one or more of these risks and uncertainties materialize, or should underlying assumptions, projections or expectations prove incorrect, actual results, performance or financial condition may vary materially and adversely from those anticipated, estimated or expected. Our forward-looking statements do not reflect the potential impact of future acquisitions, mergers, dispositions, joint ventures or investments that we may make. We do not assume any obligation to update any of the forward-looking statements contained herein, whether as a result of new information, future events or otherwise, except as required by law. In the light of these risks and uncertainties, the forward-looking events and circumstances discussed in this prospectus may not occur, and actual results could differ materially from those anticipated or implied in the forward-looking statements. Any forward-looking statement made by us in this prospectus is based only on information currently available to us and speaks only as of the date on which it is made.

**USE OF PROCEEDS**

We will not receive any proceeds from the sale of the shares to be sold by the selling stockholders.

**DIVIDEND POLICY**

We have never declared or paid a cash dividend to stockholders. We intend to retain any earnings that may be generated in the future to finance operations.

Table of Contents**CAPITALIZATION**

The following table sets forth our capitalization as of December 31, 2016.

	<b>DECEMBER 31, 2016</b>
Current liabilities:	
Accounts payable and accrued expenses	\$ 200,103
Accrued officer bonus	80,000
Convertible notes payable	560,000
Discount on convertible notes payable	(398,910 )
Derivative warrant liability	663,560
Line of credit	50,000
Deposits	—
Total current liabilities	1,154,753
Long-term liabilities:	
Convertible notes payable	5,250,668
Discount on convertible notes payable and line of credit	(3,522,497 )
Total liabilities	2,882,924
Total stockholders' deficit	(770,198 )
Total capitalization	\$ 2,112,726

**DILUTION**

The net tangible book value of our company as of December 31, 2016 was \$(770,198) or approximately \$(.008) per share of common stock. Net tangible book value per share is determined by dividing the tangible book value of our company (total tangible assets less total liabilities) by the number of outstanding shares of our common stock.

The outstanding shares calculated as of March 29, 2017 is 94,945,211 and our stock price closed at \$0.54 per share, making our market capitalization \$51,270,414.

If all the convertible notes subject to this registration are converted into common stock, and all the warrants subject to this registration are exercised, our number of outstanding shares would increase by 32,019,319 shares and our market

capitalization, based on \$0.54 per share, would increase by \$16,858,432 to \$68,128,846.

In addition to the convertible notes and warrants subject to this registration, we have other convertible notes, warrants, and options outstanding not subject to this registration. If all the outstanding securities not subject to this registration were converted and exercised, our number of outstanding shares would increase by an additional 30,065,352 shares, increasing our market capitalization, based on \$0.54 per share, by \$16,235,290 to \$84,364,136.

Table of Contents**MARKET PRICE OF AND DIVIDENDS ON COMMON EQUITY****AND RELATED STOCKHOLDER MATTERS****Market Information**

Since January 23, 2008, our common stock has been quoted on the OTC Markets “OTCQB” marketplace (formerly known as the “OTC Bulletin Board”) under the trading symbol “BLGO”.

The table below represents the quarterly high and low closing prices of our common stock for the last three fiscal years as reported by [www.otcmarkets.com](http://www.otcmarkets.com).

	<b>2014</b>		<b>2015</b>		<b>2016</b>	
	<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>
First Quarter	\$ 0.54	\$ 0.24	\$ 0.46	\$ 0.27	\$ 0.49	\$ 0.32
Second Quarter	\$ 1.09	\$ 0.36	\$ 0.39	\$ 0.26	\$ 0.48	\$ 0.31
Third Quarter	\$ 0.83	\$ 0.45	\$ 0.72	\$ 0.30	\$ 0.96	\$ 0.40
Fourth Quarter	\$ 0.53	\$ 0.31	\$ 0.66	\$ 0.43	\$ 0.86	\$ 0.64

The closing bid price for our common stock on March 29, 2017, was \$0.54 per share.

**Holders of our Common Stock**

As of March 30, 2017, 94,945,211 shares of our common stock were outstanding and held of record by approximately 680 stockholders of record. We believe that the number of beneficial owners is substantially higher than this amount.

**Dividends**

We have never declared or paid a cash dividend to stockholders. We intend to retain any earnings that may be generated in the future to finance operations.

**Securities Authorized for Issuance Under Equity Compensation Plans****Equity Compensation Plan Information as of December 31, 2016**

<b>Plan category</b>	<b>Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)</b>	<b>Weighted average exercise price of outstanding options, warrants and rights (b)</b>	<b>Number of securities remaining available for future issuance (c)</b>
Equity compensation plans approved by security holders (1)	9,916,586	\$ 0.46	1,981,414
Equity compensation plans not approved by security holders (2)	20,148,766	0.43	n/a
Total	30,065,352	\$ 0.44	1,981,414

We have one equity compensation plan approved by our stockholders – the 2007 Equity Incentive Plan (the “2007 Plan”). The 2007 Plan was adopted by our board of directors on August 7, 2007 and approved by our stockholders at (1) the 2007 Annual Meeting of Stockholders on September 6, 2007, and amended by our stockholders in 2011. Upon the adoption of the 2007 Plan, a prior plan approved in 2004 was frozen and no further grants will be made under that plan. It currently allows the issuance of a maximum aggregate 12,000,000 shares.

(2) This includes various issuances to specific individuals either as a conversion of un-paid obligations pursuant to a plan adopted by our board of directors, or as part of their agreement for services.

Table of Contents

**DESCRIPTION OF BUSINESS**

BioLargo, Inc. is a corporation organized under the laws of the state of Delaware. Since January 23, 2008, our common stock has been quoted on the OTC Bulletin Board (now called the OTCQB – the OTC Markets “Venture Marketplace”) under the trading symbol “BLGO”.

When we refer in this Annual Report to “BioLargo,” the “company,” “our company,” “we,” “us” and “our,” we mean BioLargo, Inc., and our subsidiaries, including BioLargo Life Technologies, Inc., to hold our intellectual property; Odor-No-More, Inc., to manufacture, market, sell and distribute our products; BioLargo Water USA, Inc. and its Canadian subsidiary BioLargo Water, Inc., to develop and market our AOS water treatment technology; BioLargo Maritime Solutions, Inc. to organize and evaluate business opportunities in and around the maritime industry for our technologies. We also own 53% of Clyra Medical Technologies, Inc., an entity we formed to commercialize our technologies in the medical and dental fields.

Our corporate offices are located at 14921 Chestnut St., Westminster, CA 92683. Our telephone number is (949) 643-9540. Our principal corporate website is [www.BioLargo.com](http://www.BioLargo.com). We also maintain a blog at [www.biolargo.blogspot.com](http://www.biolargo.blogspot.com). Several of our products are offered at [www.odornomore.com](http://www.odornomore.com), [www.cupridyne.com](http://www.cupridyne.com), [www.naturesbestsolution.com](http://www.naturesbestsolution.com) and [www.deodorallspport.com](http://www.deodorallspport.com). We also maintain [www.clyramedical.com](http://www.clyramedical.com), [www.biolargowater.com](http://www.biolargowater.com) and [www.biolargowater.ca](http://www.biolargowater.ca). The information on our websites and blog is not, and shall not be deemed to be, a part of this Report.

**Our Business**

Our goal is to make life better by delivering sustainable technology-based products that help solve some of the most widespread problems threatening the world's supply of water, food, agriculture, healthcare and energy. We create and refine intellectual property that forms a foundation from which to build and create break-through products and technology for licensure to commercial partners. Our products harness the power of iodine – “Nature’s Best Solution” – to eliminate contaminants that threaten our water, our health and our quality of life.

**We invent, patent, prove and partner** – to create best-of-class products and technology for commercialization as we build value for our stockholders and deliver benefits to our world.

***Invent – Three Platform Technologies***



We feature three patent protected platform technologies with diverse product opportunities across multiple industries – the Advanced Oxidation System (“AOS”), CupriDyne and Isan. Each features the use of the all-natural iodine molecule. While they all use iodine, they are quite different in terms of the methods by which they exploit the use of iodine and the form and composition of iodine used, and therefore their function and value proposition can be quite different for each commercial application.

## **AOS**

The AOS is our invention that combines iodine, water filter materials and electricity within a water treatment device. Our AOS generates extremely high oxidation potential within the device to achieve extremely high rates of disinfection to eliminate infectious biological pathogens like *Salmonella enterica*, *Listeria monocytogenes* and *Escherichia coli*, as well as a model virus Bacteriophage T4. It is also able to oxidize and break-down, or otherwise eliminate, soluble organic contaminants like acids, solvents, sulfur compounds, oil and gas by-products, and pharmaceutical by-products commonly found in a wide variety of contaminated water sources. The AOS’ extremely high oxidation potential, generated using extremely low levels of energy is the key.

The term “oxidation potential” refers to the measure of the performance by which an oxidant is able to “break down” a material through removing electrons, and sometimes by the addition of oxygen. Two commonly understood examples of oxidation are: the rusting of a shipyard anchor by salty air, and the breakdown and conversion of wood into ash by fire and oxygen. The key to our AOS is its ability to generate extremely high oxidation potential in a continuous flow device that attacks contaminants in water flowing through it. The extremely high oxidation potential enables the AOS to achieve disinfection performance results that some researchers at the University of Alberta refer to as **“unprecedented.”** Aside from its measurably superior disinfection rates, the AOS also boasts substantially lower power consumption rates than competing advanced water treatment technologies such as UV, electro-chlorination, or ozonation. For some applications, it is this value proposition that sets the AOS technology above other water treatment options, as the AOS may allow safe and reliable water treatment for a fraction of the cost of its competitors, and may even enable advanced water treatment in applications where it would have otherwise been prohibitively costly. Our AOS embodies a break-through in science which led to BioLargo's co-founding of multi-year research chair whose goal was to solve the contaminated water issues associated with the Canadian Oil Sands at the University of Alberta Department of Engineering in conjunction with the top five oil companies in Canada, the regional water district, and various environmental agencies of the Canadian government. Our work is continually expanding into a number of commercial applications with a key focus on waste-water treatment, food processing, agriculture, and oil and gas. We are also at the early stages of evaluating opportunities in the maritime industry, storm drain recapture / recycling, and drinking water. Our AOS is an award-winning invention that is supported by science and engineering financial support and grants from various federal and provincial funding agencies in Canada. Financial support is expanding concurrently with ongoing work to commercially develop the latest AOS designs. We believe the AOS has an important and substantial commercial opportunity in every segment of the water treatment industry and we believe it should find early market adoption in helping manage waste-water.



## Table of Contents

Following extensive validation testing and refinement of the basic operating system, we have begun a commercial prototype development project that includes important third party validation studies and the design of its computer automation system. These next steps lead us to a product ready for commercial markets. The project is being executed in collaboration with technical personnel at the Northern Alberta Institute of Technology (“NAIT”)’s Center for Sensors and Systems Integration and with NAIT’s Applied Bio/Nanotechnology Industrial Research Chair. Bolstered by financial support provided by the Alberta Innovates nanoPDP program, this project is focused on the development of a first-generation prototype system that incorporates a sensor platform to monitor various water parameters through online real-time data acquisition. The first “Alpha” prototype of the AOS was delivered at our annual technical symposium this past August. This Alpha AOS system enables further scale up and testing in industrial settings and work has commenced to develop a “Beta” unit for first stage commercial trials. Once this Beta prototype development phase is complete, we intend to focus on producing multiple commercial ready pilot units for testing with various interested industrial clients and on securing regulatory approvals where required. We are in the process of refining our strategic plan to more narrowly focus our efforts on markets where we believe we can make an important contribution, faster adoption rates, and meaningful economic inroads.

Our AOS is being developed as a flexible modular system to allow for a wide variety of sizes, configurations and functional uses to be deployed to meet a wide variety of unique and special requirements of customers across a wide range of industries.

In February 2017 Mark Lambert joined our team as a “strategic advisor” to help develop and refine our commercialization plan for AOS. Mr. Lambert has over 25 years of experience as a senior level executive with extensive experience in the water, renewable energy and environmental services industries.

### ***CupriDyne® Technology***

Our CupriDyne technology is used to efficiently deliver iodine in various products. It can be delivered in any physical form and can be combined with other ingredients, such as fragrances in our odor control products, and surfactants in our stain removal and odor control products. Additional ingredients can often be added without sacrificing its practical and safe functions as well its oxidation potential. Our product designs include liquids, sprays, gels, powders, coatings and absorbents.

Safety and efficacy are key for CupriDyne. Each of our product designs delivers iodine safely, and precisely, to achieve effective odor control, stain-removal, or surface washing, and in some applications at high doses, broad-spectrum disinfection. CupriDyne’s primary ingredients, as well as reaction by-products, are “generally recognized as safe” (“G.R.A.S”) by the U.S. Food and Drug Administration as food additives in their basic forms. CupriDyne’s commercial product opportunities are diverse and we have an extensive menu of product designs in various stages of commercialization and licensure development, discussed in detail below in the “Commercial,

Household and Personal Care Products” section.

We believe CupriDyne is unique. The iodine most of us are familiar with, sold in pharmacies and used by hospitals, has severe limitations – it is considered toxic, causes staining and contains a limited dose of the active oxidizing ingredient. Our CupriDyne technology, on the other hand, directly addresses many of these shortcomings – it delivers iodine’s oxidizing ingredient (“free iodine”) with precision, ranging from very small doses up to very large doses with more than 30 times the performance of chlorine. We can deliver iodine that is both non-toxic and non-staining, thus extending its usefulness well beyond historical product applications.

Our CupriDyne technology is flexible, allowing product designs to incorporate varying dosing levels. Some product designs focus on odor, and do not act as "disinfectants." Some product designs do, and would require regulatory approval to make such claims.

### *Isan System*

The Isan System is a reliable and efficient automated iodine dosing system. It is the winner of a Top 50 Water Technology Award by the Artemis Project and a Dupont Innovation Award. Its precise dosing combined with a straight-forward “set-it-and-forget-it” automated computer controlled system are the keys to its success. The system features controlled measuring, flow rate, dosing and iodine extraction/removal technology as well as an automatic tracking system that precisely delivers iodine in calibrated doses into a water stream or container of water. The Isan system has been proven to substantially reduce the incidence of fungal growth, spoilage, microorganisms and pathogens in water and on food. The system is capable of functioning at the high flow rates commensurate with industrial disinfection needs.

Table of Contents

First developed in Australia, the Isan system was initially registered with the Australian Pesticides and Veterinary Medicines Authority (“APVMA”) and Food Standards Australia and New Zealand (“FSANZ”) in Australia and New Zealand. The system has meaningful applications and commercial value in any industry that can benefit from precise and effecting dosing of iodine in water, such as: agriculture, food production and processing, manufacturing, industrial water processes and irrigation supply.

Our licensee, Clarion Water (see “Clarion Water” discussion below) obtained approval from the U.S. Environmental Protection Agency for sanitation of poultry drinking water in 2016.

***Prove - a Continual Process***

We have invested time and money in a wide array of third party testing, side-by-side comparisons and third party verifications to support our most important technical claims. The basic attributes of iodine are well understood by science and industry. We believe our three technologies substantiate the following bold claims:

AOS - when we internally compared it to the best of class competition it appears that we are:

oMore effective

oLess costly

oFaster

CupriDyne

oThorough odor elimination

oNon-toxic, gentle and safe

oNon-staining (unlike other forms of iodine)

o Generally Accepted As Safe (G.R.A.S.) – ingredients and by products are GRAS according to the FDA.

o Eliminates Sulfur compounds, Ammonia, Fatty Acids, Mercaptans

o Potent (less than 1/20th the dose of chlorine to achieve similar results)

o Increases holding power of absorbents by up to six times

o Promotes rapid healing (animal care products)

o De-scaling

o Enhanced flocculation

o Nutritive

Isan System

o Precise iodine dosing

Table of Contents

- o Anti-bacterial, anti-fungal, anti-viral
  
- o Effective against top five plant pathogens
  
- o Promotes extended shelf-life
  
- o Enhances root growth and foliage growth for healthier plants

***Partner – a Smart Strategic Decision***

We seek to develop commercial partnerships with other companies who will partner with us and pay us for a negotiated contractual right to use our intellectual property (patents, formulas, designs, claims, know-how, secrets) in order to expand their business for their own commercial purposes. In those instances, we seek a reasonable deposit, a minimum commitment to volume, some territorial rights and a percentage of sales for a mutually agreeable term and territory. We believe this licensing model will prove successful and meaningful for our company.

We have chosen to focus on business opportunities that we believe have some combination of the following attributes: a compelling commercial advantage, our products out-perform competing products, market segments in which we have the talent and resources or opportunity to succeed in executing our business plans and uses where we can identify a compelling cost savings or value offering to increase market share.

We choose to pursue a licensing strategy for its obvious and well-understood high margins, potential for explosive revenue potential and capital conserving features. While this business model can also be highly dependent upon macro-economic factors like the relative stability of the national and international economy as well as the cyclical nature of business, politics and climate for innovation and competing technical advances, we believe this is the most appropriate strategy for our company. When our commercial licensing partners are under financial pressure from macro-economic and political circumstances, including reorganizations, recapitalization or consolidation, they hold on to capital and are less likely to take any risk for new product offerings.

While we have waited out many of the uncertainties of the macro-economic marketplace, we have advanced our commercial purposes and made investments in various aspects of product design, marketing and distribution, but only at an early stage and small level. In those instances, we consider these efforts to be a prelude to an ultimate licensing strategy. This strategy also requires that we create and maintain a strong and defensible position relative to our intellectual property and proof of claims. We are diligent in this area as we have continued advancing our science and its related intellectual property. This strategy is exacting and deliberate. It has been slower than we prefer. However, it

has created a substantial level of diversification and breadth of potential revenue streams that we believe can and will generate meaningful revenues as they find traction in the marketplace. As we improve our access to capital, strengthen our balance sheet and can begin to generate meaningful cash flow, we believe those commercial opportunities will generate revenue for years to come as our products find their way into the marketplace.

In many situations, our potential licensing partners would prefer that we advance products all the way through proof of claim, manufacturing, market acceptance, well-established distribution and commercial success. While this is obvious, can be intriguing, and the relative benefits that would accrue to our valuation are clear, the risks of failure are equally high, and this strategy would require substantially more capital than we have been able to secure during what many believe has been one of the most economically uncertain times in modern history. Therefore, we have chosen to invest our time and resources where we find leverage to move forward, knowing that our technical claims are proven, they are patented and that each product design has a high probability of success to find a partner and generate meaningful returns on our invested capital as our targeted licensing partners seek to deploy capital assets and begin taking advantage of our offering for their own commercial advancements.

Although our technology has commercial applications within many industries, we are focusing our efforts in four areas: water treatment; industrial odor control applications; commercial, household and personal care products (“CHAPP”); and “advanced wound care.”

Within these broad categories, we also narrow our product focus to exploit opportunities that we believe are of high value to potential customers and that present commercially significant opportunities.

We have a number of examples of strategic alliance or partnering initiatives whereby we are advancing both our science, our patents, our proof of claims, field trials and our commercial opportunities. There are a number of noteworthy examples:



Table of Contents

*The University of Alberta*

We are engaged in a cooperative research relationship with the University of Alberta and its researchers in Edmonton, Canada. The offices and lab of our Canadian subsidiary, BioLargo Water, Inc., and our staff researchers, are located within the University of Alberta research center at Agri-Food Discovery Place. We are able to utilize the extensive resources of the University and its researchers on a contract for hire basis as needed. We work closely with the Department of Agricultural, Food and Nutritional Science at the University of Alberta and its Department of Engineering, and partner with University professors on government and industry sponsored financial awards and grants to support our ongoing research and development as we refine the AOS in preparation of commercial pilots and commercial designs. We have received over 30 grants thus far. Generally, the financial awards take on two common themes: first, science and engineering grants in which the University of Alberta is the primary recipient and contracting party with the grant agency to support work on and around our technology; and second, direct grants in which our Canadian subsidiary is the contracting party to support ongoing science and engineering to advance our AOS towards commercialization, sometimes supporting the work of PhD students at the University. In both cases, the financial awards support much, but not all, of the research budget and related costs. Our research arrangement with the University has three high value propositions for BioLargo: (i) a depth of resources and talent to accomplish highly skilled work, (ii) financial aid to support research and development costs and (iii) independent and credible validation of our technical claims. Grant revenue recorded by BioLargo totaled \$161,430 during the year ended December 31, 2016.

*Clarion Water*

On August 18, 2014, we entered into a manufacturing and distribution license agreement for our Isan® system with Clarion Water, a new operating division of InsulTech Manufacturing, LLC ([www.insultech.com](http://www.insultech.com)), the latter of which has over 20 years of commercial success around the globe representing hundreds of millions in sales of technical products to Fortune 100 companies.

Owned in equal parts by BioLargo, Inc. and Peter Holdings, Ltd. through a joint venture agreement, the Isan system leverages the power of iodine to provide the world's most effective disinfection dosing systems. It has been referred to as one of the most important technical advancements in food safety in the past 20 years. It won a "top 50 water company award" by the Artemis Project in 2010 and a DuPont Innovation Award for its excellence in science and innovation in 2004.

Per the terms of our license agreement, Clarion initially received the exclusive global manufacturing and distribution rights to the Isan system and use of all historical data to support its commercial focus. Clarion is obligated to pay BioLargo royalties on revenue equal to 10% paid quarterly in arrears. As we jointly own the Isan System with Peter Holdings, Ltd., any royalties we receive would be shared equally with Peter Holdings, Ltd. There were no minimum

royalty payments for the first two years, but at year three (beginning July 1, 2016), to continue with exclusive rights, the minimum royalties were \$50,000 per quarter, at year four \$75,000 per quarter, and at year five and onward \$100,000 per quarter. Clarion has elected not to make these minimum payments. The intellectual property subject to the license agreement includes all intellectual property related to the Isan System, including all patents, trademarks, proprietary knowledge and other similar know-how or rights relating to or arising out of the Isan System or the patents related to the Isan System. The agreement contains other terms and conditions typically found in intellectual property license agreements.

BioLargo received a royalty advance of \$100,000 upon execution of a letter of intent in February of 2014. Of this advance, \$45,000 was paid to Peter Holdings, Ltd. under our joint venture agreement. BioLargo retains certain marketing rights to help develop clients for Clarion.

Since licensing the technology from BioLargo, Clarion completed a comprehensive technical and engineering update to the Isan System, featuring a new automated touch screen user interface, enhanced security, enhanced control features for increased monitoring and sensing, and adding automated functionality providing users unmatched flexibility, reliability and control over this state-of-the-art disinfectant delivery system, and begun commercial trials. In 2016, it received approval from the U.S. Environmental Protection Agency for use of Isan generated iodine, "BioMax A," as it is delivered in poultry drinking water. Clarion has begun the process of expanding the approved uses under its EPA registration.

Clarion continues to pursue commercial opportunities for the Isan system. They have recently identified two distributors to work with directly to establish sales and customer trials. BioLargo and Peter Holdings have agreed to cooperate as Clarion more precisely narrows its commercial focus. Clarion has further offered to serve as a manufacturer of the Isan system for business opportunities that may develop for BioLargo in the future. While it narrows its commercial focus, Clarion has determined not to make further minimum payments under the license agreement and is operating on a non-exclusive basis. This election does not affect Clarion's obligation to pay royalties on sales.

Table of Contents

*Downeast Logistics*

In late 2013, we entered into a cooperative selling and distribution agreement with Downeast Logistics, a certified “Service-Disabled Veteran-Owned Small Business” (SDVOSB), as our distribution partner to facilitate our first order to the US Government. Downeast has been instrumental in developing ongoing sales to the United States Military. We have six products with unique “National Stocking Numbers.”

In March 2016, two of our product lines (consisting of 9 SKUs) of Nature’s Best Science products were awarded a five-year U.S. General Services Administration (GSA) supply contract, under schedule 65IIA for medical equipment and supplies. The award opens up access to these products through “GSA Advantage,” the online shopping and ordering system that provides government agencies access to thousands of contractors and millions of supplies (products) and services. We intend to apply for inclusion of additional existing and future products into GSA Advantage, including our industrial odor control product, CupriDyne Clean. In December of 2016 these same product lines as well as our CupriDyne Clean Industrial Odor Eliminator were accepted to the DOD eMALL which is another purchasing portal for the Defense Department and other State and Federal agencies. As of this date our products are approved for sale and available to all branches of government at the federal, state and local levels through 5 different purchasing portals.

*Industrial Odor Control - CupriDyne Clean*

In 2015 and 2016 we were invited by a number of potential customers to design a product for the industrial odor control industry segment and to begin trials for an odor control product in large-scale operations. As a result of these efforts, we have branded a product “CupriDyne Clean,” a non-staining and colorless blend of micronutrients designed for odor control. CupriDyne Clean has proven extremely effective at oxidizing volatile organic compounds (gases), while maintaining its low cost, safety and easy to use features. It is dispensed through atomization systems, portable sprayers and water trucks. CupriDyne Clean is highly effective at eliminating odorous gases, and is safe for use on a host of surfaces including the air, soils, metals, concrete and asphalt, docks, floors, walls, feed and water receptacles, waste receptacles, tanks, bins, liners and dumpsters. It can be delivered with or without fragrances since fragrances are not required for it to achieve odor elimination. The product is available in liquids and powders offered in various sizes for industrial uses and is ideal for waste transfer stations, composting facilities, landfill operations, sewage plants and lift stations, food processing plants and animal enclosures. In principle, any operations that must contend with gaseous odors generated from organic matter and decay, including the natural release of VOCs from this decay, can benefit by using CupriDyne Clean. Existing and prospective customers, as well as experts from these markets, tell us that effective odor control for these prospective customer groups is among the top on a list of priorities in their daily operations and their commitment to serve their local communities where they operate. Our biggest challenge to increasing market share is the challenge of overcoming customer’s disbelief that any product, including ours, can actually eliminate the odors inherent in the waste handling industry. We are pursuing a multi-faceted marketing and sales program.

We continue to further develop and refine our customer trial program, attend industry conferences, join trade associations, advertise, and recruit leaders from these industries to help us refine, focus and break through to commercial success. We unconditionally guarantee each sale for complete satisfaction by the customer. In May 2016, we secured our first orders for CupriDyne Clean for the use at a Southern California waste handling facility. During the remainder of 2016 we conducted multiple customer trials with local, regional and national companies and municipalities in the waste handling industry. We continue to schedule customer trials in 2017 and we have expanded our marketing efforts to include environmental engineering and consulting firms that are active serving the waste and remediation industry. We now have multiple customers and continue to develop new agents and distributor relationships. We have applied for approved vendor status and have presented national purchasing agreements to multiple large corporate accounts. We are engaged in top-down and bottom up selling. We believe these relationships, and their ultimate successful creation, are critical to the long-term, commercial success of CupriDyne Clean. The response from our trial work with potential customers tell us that the product works better than any product they have used and is cost effective. They all indicate a desire to purchase and use the product. As exciting and validating as these trials are, we are still required to navigate what can sometimes be a time consuming and laborious task to bring trial customers into a final completed purchase order, especially with the larger multi-national customers and municipalities. These efforts are time consuming and continuing. We remain confident that our product is the top performing odor eliminator for the industry and its value proposition compelling.

**Multinationals and Mid-Level Industry Participants**

We held our first technical symposium held in August 2015 where we had more than 30 attendees representing industry, academia and funding agencies. We held a second technical symposium in August of 2016 to showcase the refinements to the technology, data showing efficacy, our “Alpha” AOS, and our first commercial prototype being designed and assembled by the Northern Alberta Institute of Technology. We have entered into technical non-disclosure agreements with multi-national and regional companies to evaluate AOS and discuss potential strategic alliances. Many of these companies have expressed interest in our technology as we finalize our commercial ready design. The technical claims we have put forth are well received. The focus of discussions in most cases has moved from efficacy, which is accepted, to a business case discussion relative to capital and time to market and the potential return on investment. While these discussions are ongoing, we continue to advance our science and proven claims. We are currently evaluating a number of waste-water treatment projects where our technology can be useful. We are highly encouraged that AOS has an important role in commerce.

Table of Contents

**Strategic Alliances and Engineering Support**

In October 2016 we engaged Chicago Bridge & Iron (CB&I) to support implementation of our AOS and provide independent performance verification. In February of 2017 CB&I announced that they would be selling the business unit with whom we are working to Veritas Capital. This transition is likely to delay our work. In late 2016 we established a relationship with Carollo Engineering, one of the largest engineering firms in the United States dedicated solely to water related engineering. We are working with Carollo to provide independent third party oversight of some initial demonstration testing of AOS for potential municipal and food industry clients.

**Commercial, Household and Personal Care Products**

CHAPP includes broad product categories and many opportunities for the application of our technologies. It is defined by the ability to utilize similar, if not identical, consumption products in multiple market segments. Detergents, single use absorbents, wipes, products that provide odor or infection control and stain removal all fall within this category. Packaging ranges from consumer sizes of a few ounces to bulk packaging for commercial or industrial use. We are currently marketing products in this category under four brands – Odor-No-More, Nature’s Best Solution, Deodorall and NBS. Our primary product offerings include an animal-bedding additive that controls odor and moisture. We also sell liquid odor control products to private label (aka ‘White Label’) customers who then in turn sell product to consumers and industrial clients.

We are continuing our efforts to generate additional “private label” clients. We have fulfilled some small orders for various products that we produced under a third party’s private brand. We continue to meet with new potential customers for private label opportunities. We also have relationships and remain in discussions with potential strategic partners to provide large scale manufacturing and distribution should we secure orders for the private label business opportunities or experience a rapid increase in any product whereby we need to supplement manufacturing to meet client delivery needs. Success in these markets is highly dependent upon the willingness of the potential partners to invest in product support to continue marketing and expanding customer awareness.

Our sales in the CHAPP product category are nominal. Product development, sales and marketing require significant financial resources that we currently have elected to invest elsewhere while, also, limiting our risk in these highly competitive and commodity markets. As such, our progress in this area has been slower than we had hoped. As opportunities present themselves, we market our technology for licensure to established companies in this industry segment. We rely upon independent agents and key industry contacts for this activity and it is not a top priority. We continue to expand our proof of claims and product designs for various odor and moisture control applications. We believe this segment will enjoy commercial success only after we prove the market viability for our CupriDyne Clean product. Therefore, we are more narrowly focused on the business to business sales and marketing activity to help gain exposure and build credibility for our consumer product designs and technology.

**BioLargo Maritime Solutions, Inc.**

We formed BioLargo Maritime Solutions, Inc. to organize and evaluate business opportunities in and around the maritime industry for our technologies, including our AOS. We intend to move forward as we are actively developing key relationships with people, service organizations, suppliers and trade groups that serve this industry. We believe the various opportunities in this market would require the services and support from a company like CB&I. We will need to organize a strategy and additional resources, including capital and proper staffing, to pursue business opportunities. This subsidiary is not yet operational.

**Advanced Wound Care – Clyra Medical Technologies Subsidiary**

In 2012 we formed Clyra Medical Technologies, Inc. (“Clyra”) to commercialize our technology in the medical products industry, with an initial focus on advanced wound care. Our advanced wound care products combine broad-spectrum antimicrobial capabilities with iodine’s natural and well-understood metabolic pathway to promote healing. Our products are highly differentiated by the gentle nature in which they can perform. We believe these benefits, along with its non-staining feature and reduced product costs as compared with other antimicrobials, give our products a competitive advantage in the marketplace.

In December 2015, we completed a financing transaction through which \$750,000 was invested into Clyra in exchange for preferred stock comprising 40% of the total issued and outstanding shares. The investor committed to fund a \$5,000,000 operating line of credit once Clyra’s initial products receive FDA approval. (Details regarding this transaction are below.)

Table of Contents

With new funding in place, Clyra re-initiated product development and testing for its wound treatment products with experts and well-established contract manufacturing companies from industry. It has successfully formulated multiple product designs that it believes can meet the tests required for FDA approval and are working to conclude those technical validations now. It intends to apply for FDA 510(k) approval as soon as product development is complete. While no assurances can be made about the ultimate success any FDA applications once filed, Clyra has retained and engaged a team of experts in the area to guide it through the process. In the interim, Clyra will continue to refine product roll out, marketing, and distribution plans. Given the timing of the FDA process, and the requirement for approval before product can be sold, management does not anticipate product sales until late 2017 or early 2018. We recently filed two patent applications based on Clyra's further development work. We are also evaluating potential product designs where our current product designs can be used or slightly modified or enhanced to create new products for new medical related markets like dental, veterinary medicine, and over the counter applications.

***Stock Purchase Agreement – Clyra Medical***

On December 30, 2015, Clyra sold 9,830 shares of its Series A Preferred Stock ("Preferred Shares") to Sanatio Capital, LLC ("Sanatio") for \$750,000. Sanatio is beneficially owned by Jack B. Strommen. This sale was made in reliance on the exemption from registration contained in Section 4(a)(2) of the Securities Act and Regulation D promulgated thereunder as not involving a public offering of securities. Because of the sale, Sanatio owns 40% of Clyra's issued and outstanding shares, BioLargo owns 54%, and the remainder is owned by management.

As set forth in Clyra's Amended and Restated Articles of Incorporation, Preferred Shares accrue an annual dividend of 8% for a period of five years. Although the dividends begin to accrue immediately, Clyra has no obligation to declare a dividend until a product of Clyra has received a premarket approval by the United States Federal Drug Administration ("FDA"), or for which a premarket notification pursuant to form 510(k) has been submitted and for which the FDA has given written clearance to market the product in the United States (either, "FDA Approval"). After FDA Approval, annually on December 20, and unless prohibited by California law governing distributions to shareholders, Clyra is required to declare and pay any accruing dividends to holders of Preferred Shares then accrued but unpaid.

Holders of Preferred Shares are entitled to preferential payments in the event of a liquidation, dissolution or winding up of Clyra, in an amount equal to any accrued and unpaid dividends. After such preference, any remaining assets are distributed pro-rata between holders of Clyra common stock and Preferred Shares as if the Preferred Shares had converted to common stock. Holders of Preferred Shares may convert the shares to common stock initially on a one-to-one basis. The conversion formula is subject to change in the event Clyra sells stock at a lower price than the price paid by Sanatio.

In addition to the \$750,000 investment, once Clyra receives FDA Approval for a product, Sanatio has agreed to provide Clyra a \$5,000,000 credit facility for operating, warehouse, inventory and costs necessary to rapidly expand sales (“Line of Credit”). Terms of the Line of Credit are to be negotiated in good faith, be commercially reasonable and mutually agreeable to the parties. Should Sanatio fail to provide the Line of Credit, BioLargo has the right to do so under similar terms and conditions offered to Sanatio, and neither Clyra nor any of its shareholders, affiliates, successors or assigns will have any recourse or remedies against Sanatio for failing to provide the Line of Credit. If either BioLargo or an entity not affiliated with Sanatio provides the Line of Credit (either directly, through an affiliate, or third party), Clyra shall issue such lender a warrant to purchase an amount of Clyra common stock equal to 10% of Clyra’s capital stock on a fully-diluted basis, at an exercise price equal to the fair market value of Clyra’s common stock on the date of issuance, as determined by its board of directors in good faith.

### ***Clyra Shareholder Agreement***

BioLargo, Santatio and other Clyra shareholders entered into an agreement whereby the parties agreed to elect a three-member board of directors, consisting of Clyra’s president, BioLargo’s president, and a Sanatio representative, who shall initially be Mr. Strommen. The shareholders also agreed to restrict the sale of any stock in Clyra unless all holders of Preferred Shares are allowed to participate in such transaction and the consideration received pursuant to such transaction is allocated among the parties thereto in the manner specified in its articles of incorporation in effect immediately prior to the sale.

### ***Amendment to Clyra License Agreement***

By agreement dated December 30, 2015, BioLargo and Clyra amended (the “Amendment”) the December 17, 2012 License Agreement (“License Agreement”) by which BioLargo licensed to Clyra the exclusive world-wide right to make, have made, use, sell, offer for sale and import products for use within the field of human wound care (as defined in the agreement), expandable to include other medical products. The Amendment changes the events that trigger Clyra’s obligation to begin the \$50,000 monthly “initial license fee” payments such that no such payments are due until both (i) a Clyra product has received FDA approval and (ii) Clyra has generated \$4,000,000 in gross annual revenue. Additionally, the Amendment updated the licensed patents to include recently issued European patents, confirmed that the Sanatio investment transaction was not a “default” under the License Agreement, and that Sanatio was made an express third party beneficiary of the agreement.



Table of Contents

***Investors' Rights Agreement***

BioLargo entered into an “investors’ rights agreements” with Sanatio and Strommen whereby BioLargo committed to file a Form S-1 or S-3 registration statement for all registrable securities issued to investors in connection with BioLargo’s 2015 Unit Offering, and an additional 1,000,000 shares of BioLargo common stock that may be issued to Sanatio or Strommen in the future, if circumstances arise for such payment obligations. The agreement also provides Sanatio and Strommen “piggy back” registration rights.

Additionally, BioLargo granted to Strommen a “right of first refusal” to purchase its holdings in Clyra should it choose to sell those holdings and a right of “co-sale” in the event such shares are sold to a third party.

***Strommen Consulting Agreement***

In addition to the foregoing, Clyra entered into a consulting agreement with Beach House Consulting, LLC, through which Jack B. Strommen will be providing consulting services to Clyra. Mr. Strommen is a founder and leader of PD Instore (www.pdinstore.com), works with some of the world’s leading retailers, and has overseen many national ground-breaking marketing rollouts and initiatives. Mr. Strommen will be assisting Clyra in its sales and marketing activities once it has FDA Approval on a product, at which point the agreement provides that Mr. Strommen is to receive \$23,437.50 per month for a period of four years.

**Intellectual Property**

**Patent - an Expanding Intellectual Property Estate**

We have 15 patents issued and multiple pending. We believe these patents provide a foundation from which to continue building our patent portfolio, and we believe that our technology is sufficiently useful and novel that we have a reasonable basis upon which to rely on our patent protections. We also rely on trade secrets and technical know-how to establish and maintain additional protection of our intellectual property. As our capital resources permit, we expect to expand our patent protection as we continue to refine our inventions as well as make new discoveries. See the detailed discussion below of our patent portfolio.

We regard our intellectual property as critical to our ultimate success. Our goal is to obtain, maintain and enforce patent protection for our products and technologies in geographic areas of commercial interest and to protect our trade secrets and proprietary information through laws and contractual arrangements.

Our Chief Science Officer, Mr. Kenneth R. Code, has been involved in the research and development of the technology since 1997. He has participated in the Canadian Federal Scientific Research and Experimental Development program, and he was instrumental in the discovery, preparation and filing of the first technology patents. He has worked with manufacturers, distributors and suppliers in a wide variety of industries to gain a full appreciation of the potential applications and the methodologies applicable to our technology for their manufacture and performance. He continues to research methods and applications to continue to expand the potential uses of our technology as well as work to uncover new discoveries that may provide additional commercial applications to help solve real world problems in the field of disinfection.

In 2015 and 2016, we continued improving our technology and creating new uses of our technology through further research and development efforts. During that time, we filed two U.S. patent applications, each comprised of multiple individual claims, and received notice of allowance or were granted five patents by the USPTO. Our technology also includes know-how and trade secrets, which, together with our intellectual property, contribute to our expertise in product design, manufacturing, product claims, safety features and competitive positioning of products that feature our technology.

During 2017 we plan to continue to advance our proof of claims, inventions and patent filings.

We incurred \$684,554 in 2015 and \$1,381,956 in 2016 in expense related to our research and development activities. Our research and development expenditures in 2017 could vary significantly and will depend upon our access to capital. Although we are actively pursuing such financing, no such commitment is yet in place.

Table of Contents

We believe that our suite of intellectual property covers the presently targeted major areas of focus for our licensing strategy. The description of our intellectual property, at present, is as follows:

*Patents*

U.S. Patent 8,846,067, issued on September 30, 2014, which encompasses a method of treating a wound or burn on tissue to reduce microbe growth about a wound comprising applying an antimicrobial composition to the wound or burn on tissue using a proprietary stable iodine gel or liquid. This patent covers our technology as used in products being developed by our subsidiary, Clyra Medical Technologies.

U.S. Patent 8,757,253, issued on June 24, 2014, relating to the moderation of oil extraction waste environments.

U.S. Patent 8,734,559, issued on May 27, 2014, relating to the moderation of animal waste environments.

U.S. Patent 8,679,515 issued on March 25, 2014, titled “Activated Carbon Associated with Alkaline or Alkali Iodide,” which provides protection for our BioLargo® AOS filter.

U.S. Patent 8,642,057, issued on February 14, 2014, titled “Antimicrobial and Antiodor Solutions and Delivery Systems,” relating to our liquid antimicrobial solutions, including our gels, sprays and liquids imbedded into wipes and other substrates.

U.S. Patent 8,574,610, issued on November 5, 2013, relating to flowable powder compositions, including our cat litter additive.

U.S. Patent 8,257,749, issued on September 4, 2012, relating to the use of our technology as protection of against antimicrobial activity in environments that need to be protected or cleansed of microbial or chemical material. These environments include closed and open environments and absorbent sheet materials that exhibit stability until activated by aqueous environments. The field also includes novel particle technology, coating technology or micro-encapsulation technology to control the stability of chemicals that may be used to kill or inhibit the growth of microbes to water vapor or humidity for such applications.

U.S. Patent 8,226,964, issued on July 24, 2012, relating to use of our technology as a treatment of residue, deposits or coatings within large liquid carrying structures such as pipes, drains, ducts, conduits, run-offs, tunnels and the like, using iodine, delivered in a variety of physical forms and methods, including using its action to physically disrupt coatings. The iodine’s disruptive activity may be combined with other physical removal systems such as pigging, scraping, tunneling, etching or grooving systems or the like.

U.S. Patent 8,021,610, issued on September 20, 2011, titled “System providing antimicrobial activity to an environment,” relating to the reduction of microbial content in a land mass. Related to this patent are patents held in Canada and the European Union.

U.S. Patent 7,943,158, issued on May 17, 2011, titled “Absorbent systems providing antimicrobial activity,” relating to the reduction of microbial content by providing molecular iodine to stabilized reagents.

U.S. Patent 7,867,510, issued on January 11, 2011, titled “Material having antimicrobial activity when wet,” relating to articles for delivering stable iodine-generating compositions.

U.S. Patent 6,328,929, issued on December 11, 2001, titled “Method of delivering disinfectant in an absorbent substrate,” relating to method of delivering disinfectant in an absorbent substrate.

U.S. Patent 6,146,725, issued on November 14, 2000, titled “absorbent composition,” relating to an absorbent composition to be used in the transport of specimens of bodily fluids.

**Pending Patent Applications**

Most recently, we filed two patent applications in the United States for our advanced wound care formulas. The inventions in these applications form the basis for the work at Clyra Medical and the products for which that subsidiary intends to seek FDA approval. In addition to these applications, we have filed patent applications in multiple foreign countries, including the European Union, pursuant to the PCT, and other provisional applications.

## Table of Contents

Subject to adequate financing, we intend to continue to expand and enhance our suite of intellectual property through ongoing focus on product development, new intellectual property development and patent applications, and further third-party testing and validations for specific areas of focus for commercial exploitation. We currently anticipate that additional patent applications will be filed during the next 12 months with the USPTO and the PCT, although we are uncertain of the cost of such patent filings, which will depend upon the number of such applications prepared and filed. The expense associated with seeking patent rights in multiple foreign countries is expensive and will require substantial ongoing capital resources. However, we cannot give any assurance that adequate capital will be available. Without adequate capital resources, we will be forced to abandon patent applications and irrevocably lose rights to our technologies.

## **Competition**

We believe that our products contain unique characteristics that distinguish them from competing products. In spite of these unique characteristics, our products face competition from products with similar prices and similar claims. We face stiff competition from companies in all of our market segments, many of our competitors are larger and better-capitalized.

For example, we would compete with the following leading companies in our respective markets:

**Disinfecting/Sanitizing:** Johnson & Johnson, BASF Corporation, Dow Chemical Co., E.I. DuPont De Nemours & Co., Chemical and Mining Company of Chile, Inc., Proctor and Gamble Co., Diversey, Inc., EcoLab, Inc., Steris Corp., Chlorox, and Reckitt Benckiser.

**Water Treatment:** GE Water, Trojan UV, Ecolab, Pentair, Xylem and Siemens AG.

**Medical Markets:** Smith & Nephew, 3M, ConvaTec and Derma Sciences.

**Pet Market:** Arm & Hammer and United Pet Group (owner of Nature's Miracle branded products).

**Industrial Odor Control:** MCM Odor Control and OMI Industries.

Each of these named companies and many other competitors are significantly more capitalized than we are and have many more years of experience in producing and distributing products.

Additionally, our technology and products incorporating our technology must compete with many other applications and long embedded technologies currently on the market (such as for example, chlorine for disinfection).

In addition to the competition we face for our existing products, we are aware of other companies engaged in research and development of other novel approaches to applications in some or all the markets identified by us as potential fields of application for our products and technologies. Many of our present and potential competitors have substantially greater financial and other resources and larger research and development staffs than we have. Many of these companies also have extensive experience in testing and applying for regulatory approvals.

Finally, colleges, universities, government agencies, and public and private research organizations conduct research and are becoming more active in seeking patent protection and licensing arrangements to collect royalties for the use of technology that they have developed, some of which may be directly competitive with our applications.

## **Governmental Regulation**

We will have products that will be subject to the Federal Food, Drug, and Cosmetic Act, as amended (including the rules and regulations promulgated thereunder, the “FDCA”), or similar Laws (including Council Directive 93/42/EEC concerning medical devices and its implementing rules and guidance documents) in any foreign jurisdiction (the FDCA and such similar Laws, collectively, the “Regulatory Laws”) that are developed, manufactured, tested, distributed or marketed by the Company or its subsidiary Clyra (a “Medical Device”), each such Medical Device will need to be developed, manufactured, tested, distributed or marketed in compliance with all applicable requirements under the Regulatory Laws, including those relating to investigational use, premarket clearance or marketing approval to market a medical device, good manufacturing practices, labeling, advertising, record keeping, filing of reports and security, and in compliance with the Advanced Medical Technology Association Code of Ethics on Interactions with Healthcare Professionals.

We believe that no article or part of any Medical Device intended to be manufactured or distributed by the Company or any of its Subsidiaries will be classified as (i) adulterated within the meaning of Sec. 501 of the FDCA (21 U.S.C. § 351) (or other Regulatory Laws), (ii) misbranded within the meaning of Sec. 502 of the FDCA (21 U.S.C. § 352) (or other Regulatory Laws) or (iii) a product that is in violation of Sec 510 of the FDCA (21 U.S.C. § 360) or Sec. 515 of the FDCA (21 U.S.C. § 360e) (or other Regulatory Laws).

Table of Contents

Neither the Company nor any of its Subsidiaries, nor, to the knowledge of the Company, any officer, employee or agent of the Company or any of its Subsidiaries, has been convicted of any crime or engaged in any conduct for which such Person or entity could be excluded from participating in the federal health care programs under Section 1128 of the Social Security Act of 1935, as amended (the “Social Security Act”), or any similar Law in any foreign jurisdiction.

Neither the Company nor any of its Subsidiaries has received any written notice that the FDA or any other Governmental Authority has commenced, or threatened to initiate, any action to enjoin research, development, or production of any Medical Device. As of the Closing Date, neither the Company nor any of its Subsidiaries will have received any written notice that the FDA or any other Governmental Authority has commenced, or threatened to initiate, any action to enjoin the development or production of any medical device.

To the knowledge of the Company, there are no facts, circumstances or conditions that would reasonably be expected to form the basis for any Action against or affecting the Company or any of its Subsidiaries relating to or arising under the FDCA or any other Regulatory Law that would have a Company Material Adverse Effect.

**Employees**

As of the date hereof, we employed 19 employees, 16 of which are full-time, and three of which are Ph.D.’s doing research and development in Canada. We also utilize consultants on an as needed basis who provide certain specified services to us.

**Description of Property**

Our company owns no real property. We currently lease approximately 9,000 square feet of office and industrial space at 14921 Chestnut St., Westminster, CA 92683. The current lease term is from September 1, 2016 to August 31, 2020, at a monthly base rent of \$8,379 throughout the term. In addition to serving as our principal offices, it is also a manufacturing facility where we manufacture our products, including our CupriDyne Clean Industrial Odor, and Specimen Transport Solidifiers.

We also lease approximately 1,300 square feet of office and lab space from the University of Alberta. The current lease term expires June 30, 2018, at monthly fee of \$5,380 Canadian dollars. These offices serve as our primary research and development facilities.

Our telephone number is (949) 643-9540.

**Legal Proceedings**

Our company is not a party to any material legal proceeding.

**Principal Address**

Our principal address is located at 14921 Chestnut St., Westminster, CA 92683. Our telephone number is (949) 643-9540.



Table of Contents

**MANAGEMENT'S DISCUSSION AND ANALYSIS**

**OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

*This discussion contains forward-looking statements about our business and operations. Our actual results may differ materially from those we currently anticipate as a result of many factors, including those we described under "Risk Factors" and elsewhere in this prospectus. Certain statements contained in this discussion, including, without limitation, statements containing the words "believes," "anticipates," "expects" and the like, constitute "forward-looking statements" within the meaning of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). However, as we will issue "penny stock," as such term is defined in Rule 3a51-1 promulgated under the Exchange Act, we are ineligible to rely on these safe harbor provisions. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any of the future results, performance or achievements expressed or implied by such forward-looking statements. Given these uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements. We disclaim any obligation to update any of such factors or to announce publicly the results of revision of any of the forward-looking statements contained herein to reflect future events or developments. For information regarding risk factors that could have a material adverse effect on our business, refer to the "Risk Factors" section of this prospectus beginning on page 3.*

**Results of Operations—Comparison of the years ended December 31, 2016 and 2015**

**Revenue**

In 2016, our revenue increased 120% to \$281,106, from \$127,582 in 2015, comprised mainly from product revenue with the remainder from licensing revenue. Our revenue from product sales increased 77% in 2016 to \$226,106 (from \$127,582 in 2015). Our product revenue in 2016 consisted primarily of sales of our Specimen Transport Solidifier pouches to the U.S. Defense Logistics Agency, our Suction Canister Solidifiers to military hospitals, and our CupriDyne Clean Industrial Odor Eliminator. We also generated sales from our animal bedding additive and the private label of our liquid Stain and Odor Eliminator products. The increase in our sales in 2016 primarily from the increased volume of sales of our Specimen Transport Solidifier and the introduction of a new product, our CupriDyne Clean Industrial Odor Eliminator.

Almost half of our product sales were to the US Government through our distributor Downeast Logistics. The vast majority of these sales are made through a bid process in response to a request for bids to which any qualified vendor can respond, and approximately 75% of the sales were from only three transactions. We cannot know in advance the frequency or size of such requests from the US Government, or whether our bids will be successful and as such we are uncertain as to whether our 2017 revenue for these products will be less than, equal to, or more than that in 2016. With

respect to our CupriDyne Clean Industrial Odor Control product, we do not have a long enough sales history to identify trends or uncertainties related to that product.

In 2016, we recognized \$55,000 of licensing revenue from our license agreement with Clarion Water (see Note 3). We do not expect any licensing revenue from Clarion Water in 2017, nor do we currently have other licensing agreements with third parties in place.

### **Other Income**

Our wholly owned Canadian subsidiary has been awarded more than 30 research grants from various Canadian public and private agencies, including the Canadian National Research Institute – Industrial Research Assistance Program (NRC-IRAP) and the National Science and Engineering Research Council of Canada (NSERC). The grants received are considered reimbursement grants related to costs we incur and therefore are included as Other Income on our income statement. The amount of grant income increased from \$99,122 in 2015 to \$161,430 in 2016. The total value of grants awarded during 2016 was approximately \$1,100,000, although the majority of grant funds are paid directly to third parties. Amounts paid directly to third parties are not included as income in our financial statements.

Although we are continuing to apply for government and industry grants, and have been successful in so applying in the past, we cannot be certain of continuing those successes in the future.

### **Cost of Goods Sold**

Our cost of goods sold includes costs of raw materials, contract manufacturing, and proportions of salaries and expenses related to the manufacturing of our products. Because we have not achieved a meaningful product revenue base, and our number of products is increasing, the inclusion of the fixed costs related to the product development and manufacturing increases our cost of goods disproportionately. As a percentage of gross sales, our costs of goods was 38% in 2016 versus 49% in 2015.

Table of Contents**Selling, General and Administrative Expense**

Our Selling, General and Administrative (“SG&A”) expenses include both cash and non-cash expense. Our SG&A expenses increased by 5% (\$162,873) in 2016. The largest components of our SG&A expenses included:

<b>Category</b>	<b>2015</b>	<b>2016</b>	<b>Percent Increase (Decrease)</b>	
Salaries and payroll-related expenses	\$ 871,870	\$ 1,096,726	26	%
Consulting expenses	\$ 1,041,896	\$ 780,217	(25	%)
Professional fees	\$ 725,762	\$ 478,304	(34	%)
Investor relations fees	\$ 135,926	\$ 274,968	102	%
Board of Director Expenses	\$ 372,675	\$ 371,552	0	%

Our salaries and payroll related expenses increased in 2016 due to an increased level of activities related to our operations, including sales. Approximately \$200,000 of salaries and payroll expense in 2015 was related to the extension of stock options issued in 2010<sup>1</sup>, and without that expense our salaries and payroll related expenses increased by 63% in 2016. Additionally, some vendors that were consultants were hired on as employees and thus their expenses are classified as salaries in 2016; this accounts for a portion of the decrease in consulting expenses.

With respect to our professional fees, approximately \$360,000 of the 2015 expense was non-cash related to the extension of options issued in 2010, noted above. Without those expenses, our professional fees increased by 31% in 2016. This increase was a result of increased legal work for patent application and prosecutions and preparation of the Form S-1 filed on January 25, 2017.

Our investor relations fees increased due to increased efforts and activities at various conferences and with consultants promoting the BioLargo brand.

**Research and Development**

In 2016, we significantly expanded our research and development activities. Specifically, following the investment by Sanatio into our subsidiary Clyra Medical on December 30, 2015, we reinitiated our medical product development and testing activities, retaining experienced consultants and FDA certified laboratories to assist in the process. At our research lab in Canada, we hired more researchers and expanded our physical lab space. We also purchased lab

equipment, and increased our efforts to obtain government and industry grants. In total, our R&D expenses increased 102% (\$697,402) compared with 2015.

**Interest expense**

Our interest expense significantly increased in the year ended December 31, 2016 (from \$994,668 in 2015 to \$3,129,104), due to an increase in outstanding debt earning 12% annual interest related to our 2015 Unit Offering. The aggregate principal amount due on notes owed to investors increased during 2016 by \$2,614,696. The notes issued in our 2015 Unit Offering, and Winter 2016 Unit Offering, were issued with stock purchase warrants as “units,” and are convertible at our option into our common stock (see Part II, Item 2, “2015 Unit Offering,” “Conversion of Notes,” and “Summer 2014 Offering”). We expect our interest expense to increase in 2017 as compared with 2016, due to the significant increase in our end-of-year principal balance of note payables.

Additionally, our interest expense increased as a result of the issuance of stock purchase warrants in conjunction with our convertible promissory notes. We recorded the relative fair value of the warrants and the intrinsic value of the beneficial conversion feature sold with the convertible notes payable which resulted in a full discount on the proceeds from the convertible notes. This discount is being amortized as interest expense over the term of the convertible notes. We expect our interest expense to continue to increase because in 2017 we will have a full year of amortization.

---

<sup>1</sup> Our SG&A expenses in 2015 included a non-cash expense of approximately \$700,000 for the extension of options issued in 2010 for reductions in payment of amounts owed. Although this \$700,000 expense is recorded in 2015, it is not reflective of our level of activities in 2015. As such, management believes that a comparison of the 2015 and 2016 year periods is more instructive as to the increase or decrease in company activities without that expense.

Table of Contents

**Net Loss**

Net loss for the year ended December 31, 2016 was \$8,074,335 a loss of \$0.09 per share, compared to a net loss for the year ended December 31, 2015 was \$5,077,030, a loss of \$0.06 per share. The increase in net loss per share for the year ended December 31, 2016 is primarily attributable to an expense associated with the features of warrants issued to our one-year note holders in July 8 and December 30, 2016, and an increase in our SG&A and Research and Development activities.

**Liquidity and Capital Resources**

The accompanying condensed consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the settlement of liabilities and commitments in the normal course of our business. As reflected in the accompanying financial statements, at December 31, 2016, we had working capital of \$861,929, current assets of \$2,061,682, long-term (convertible) debt obligations of \$5,250,668, and an accumulated stockholders' deficit of \$91,915,426. The foregoing factors raise substantial doubt about our ability to continue as a going concern. Ultimately, our ability to continue as a going concern is dependent upon our ability to attract significant new sources of capital, attain a reasonable threshold of operating efficiencies and achieve profitable operations by licensing or otherwise commercializing products incorporating our technology. The financial statements do not include any adjustments that might be necessary if we are unable to continue as a going concern.

We have been, and anticipate that we will continue to be, limited in terms of our capital resources. Our total cash and cash equivalents were \$1,910,153 at December 31, 2016. In the year ended December 31, 2016, we recorded revenues of \$281,106, received cash from government reimbursement grants for our Canadian research programs totaling \$161,430, and had \$200,103 of outstanding accounts payable and accrued expenses.

The short-term demands on our liquidity consist of our obligations to pay our employees, consultants, and for other ongoing operational obligations, including research and development activities. We will be required to raise substantial additional capital to expand our operations, including without limitation, hiring additional personnel, additional scientific and third-party testing, costs associated with obtaining regulatory approvals and filing additional patent applications to protect our intellectual property, and possible strategic acquisitions or alliances, as well as to meet our liabilities as they become due for the next 12 months. We have been, and will continue to be, required to financially support the operations our subsidiaries, none of which are operating at a positive cash flow. Only one subsidiary, Clyra, has financing in place to fund operations for the immediate future.

As of December 31, 2016, we had \$5,860,668 in principal amounts due on various debt obligations (see Note 4, “Debt Obligations,” of the Notes to the Consolidated Financial Statements), all but \$610,000 of which is convertible at our option at maturity. Of this amount, \$4,800,097 is due on notes convertible into shares of our common stock at our option on their maturity dates on June 1, 2018, \$283,571 is convertible into shares of our common stock at our option on their maturity dates on September 17, 2019, \$167,000 is convertible into shares of our common stock at our option on their maturity dates on December 31, 2019, and \$280,000, maturing July 8, 2017 and \$280,000 maturing December 30, 2017 that is convertible by the holder at any time. After December 31, 2016 the holders of \$280,000 notes maturing July 8, 2017 converted their notes to equity (see Note 10, “Subsequent Events,” of the Notes to the Consolidated Financial Statements). We also had \$50,000 principal amount outstanding due on a line of credit that is payable December 1, 2017. Interest continues to accrue on each of these notes. Additionally, we had \$200,103 of accounts payable and accrued expenses (see Note 7, “Accounts Payable and Accrued Expenses,” of the Notes to the Consolidated Financial Statements).

In addition to the private securities offerings discussed above, we are continuing to explore numerous alternatives for our current and longer-term financial requirements, including additional raises of capital from investors in the form of convertible debt or equity. There can be no assurance that we will be able to raise any additional capital. No commitments are in place as of the date of the filing of this report for any such additional financings.

It is also unlikely that we will be able to qualify for bank or other financial institutional debt financing until such time as our operations are considerably more advanced and we are able to demonstrate the financial strength to provide confidence for a lender, which we do not currently believe is likely to occur for at least the next 12 months or more.

If we are unable to raise sufficient capital, we may be required to curtail some of our operations, including efforts to develop, test, market, evaluate and license our BioLargo technology. If we were forced to curtail aspects of our operations, there could be a material adverse impact on our financial condition and results of operations.

### **Critical Accounting Policies**

Our discussion and analysis of our results of operations and liquidity and capital resources are based on our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and disclosure of contingent assets and liabilities. On an ongoing basis, we evaluate our estimates and judgments, including those related to revenue recognition, valuation of offerings of debt with equity or derivative features which include the valuation of the warrant component, any beneficial conversion feature and potential derivative treatment, and share-based payments. We base our estimates on anticipated results and trends and on various other assumptions that we believe are reasonable under the circumstances, including assumptions as to future events. These estimates form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. By their nature, estimates are subject to an inherent degree of uncertainty. Actual results that differ from our estimates could have a significant adverse effect on our operating results and financial position. We believe that the following significant accounting policies and assumptions may involve a higher degree of judgment and complexity than others.



## Table of Contents

The methods, estimates and judgments the Company uses in applying these most critical accounting policies have a significant impact on the results of the Company reports in its financial statements.

### ***Revenue Recognition***

Revenues are recognized as risk and title to products transfers to the customer (which generally occurs at the time shipment is made), the sales price is fixed or determinable, and collectability is reasonably assured. We also may generate revenues from royalties and license fees from our intellectual property. Licensees typically pay a license fee in one or more installments and ongoing royalties based on their sales of products incorporating or using our licensed intellectual property. License fees are recognized over the estimated period of future benefit to the average licensee.

### ***Valuation of Offerings of Debt with Equity or Derivative Features***

The Company has established a policy relative to the methodology to determine the accounting treatment of equity or derivative features in a unit offering with a debt instrument. The Company initially determines whether specific features in a unit offering require separation from the unit and treatment as a derivative or equity component. The fair value of the derivative or equity component is calculated using option models. The derivative component is recorded as a liability while the equity component is recorded in stockholders' equity. The equity component is further separated into an option component and a beneficial conversion feature component. Finally, the Company determines whether relative fair value treatment is appropriate for the option and beneficial conversion features.

### ***Share-based Payments***

For stock and stock options issued to consultants and other non-employees for services, the Company measures and records an expense as of the earlier of the date at which either: a commitment for performance by the non-employee has been reached or the non-employee's performance is complete. The equity instruments are measured at the current fair market value, and for stock options, the instruments are measured at fair value using the Black Scholes options model.

For equity instruments issued and outstanding where performance is not complete, but the instrument has been recorded, those instruments are measured again at their then current fair market values at each of the reporting dates (they are "marked-to market") until the performance and the contract are complete.



**Fair Value Measurement**

Generally accepted accounting principles establishes a hierarchy to prioritize the inputs of valuation techniques used to measure fair value. The hierarchy gives the highest ranking to the fair values determined by using unadjusted quoted prices in active markets for identical assets (Level 1) and the lowest ranking to fair values determined using methodologies and models with unobservable inputs (Level 3). Observable inputs are those that market participants would use in pricing the assets based on market data obtained from sources independent of the Company. Unobservable inputs reflect the Company's assumptions about inputs market participants would use in pricing the asset or liability developed based on the best information available in the circumstances. The Company has determined the appropriate level of the hierarchy and applied it to its financial assets and liabilities.

Management believes the carrying amounts of the Company's financial instruments as of December 31, 2015 and 2016 approximate their respective fair values because of the short-term nature of these instruments. Such instruments consist of cash, accounts receivable, prepaid assets, accounts payable, convertible notes, and other assets and liabilities.

**Recent Accounting Pronouncements**

See Note 2 to the Consolidated Financial Statements, "Summary of Significant Accounting Policies – Recent Accounting Pronouncements," for the applicable accounting pronouncements affecting the Company.

Table of Contents**MANAGEMENT****Executive Officers and Directors**

The following table sets forth information about our executive officers and directors as of the date of this prospectus:

<u>Name</u>	<u>Age</u>	<u>Position</u>
Dennis P. Calvert	53	President, CEO, Chairman, Director
Charles K. Dargan II	61	CFO
Kenneth R. Code	69	Chief Science Officer, Director
Joseph L. Provenzano	47	Vice President of Operations, Corporate Secretary
Gary A. Cox <sup>(1)(2)</sup>	55	Director
Dennis E. Marshall <sup>(1)(2)(3)</sup>	74	Director
Kent C. Roberts III	57	Director
John S. Runyan <sup>(2)(4)</sup>	78	Director

(1) Member of Audit Committee

(2) Member of Compensation Committee

(3) Chairman of Audit Committee

(4) Chairman of Compensation Committee

*Dennis P. Calvert* is our President, Chief Executive Officer and Chairman of the Board. He also serves in the same positions for BioLargo Life Technologies, Inc. and BioLargo Water U.S.A., Inc., both wholly owned subsidiaries, and chairman of the board of directors of our subsidiaries Odor-No-More, Inc., Clyra Medical Technologies, Inc. and BioLargo Water, Inc. (Canada). Mr. Calvert was appointed a director in June 2002 and has served as President and Chief Executive Officer since June 2002, Corporate Secretary from September 2002 until March 2003 and Chief Financial Officer from March 2003 through January 2008. Mr. Calvert holds a B.A. degree in Economics from Wake Forest University, where he was a varsity basketball player. Mr. Calvert also studied at Columbia University and Harding University. He also serves on the board of directors at The Maximum Impact Foundation, a 501(c)(3), committed to bridging the gap for lifesaving work around the globe for the good of man and in the name of Christ. He serves as a member of the Advisory Council for Wake Forest University's Center for Innovation, Creativity and Entrepreneurship, and as a Director of Cleantech OC in and serves on their "Technology Breakthrough" committee. CleanTech OC is a trade association that seeks to promote economic growth in the Orange County clean technology industry. Most recently, he joined the Board of Directors of Tilly's Life Center, a nonprofit charitable foundation aimed at empowering teens with a positive mindset and enabling them to effectively cope with crisis, adversity and tough decisions. He is also an Eagle Scout. He is married and has two children. He has been an active coach in youth

sports organizations and ministry activity in his home community. Mr. Calvert has an extensive entrepreneurial background as an operator, investor and consultant. Prior to his work with BioLargo, he had participated in more than 300 consulting projects and more than 50 acquisitions as well as various financing transactions and companies that ranged from industrial chemicals, healthcare management, finance, telecommunications and consumer products.

*Charles K. Dargan II* is our Chief Financial Officer and has served as such since February 2008. Since January 2003, Mr. Dargan has served as founder and principal of CFO 911, an organization of senior executives that provides accounting, finance and operational expertise to both public and private companies who are at strategic inflection points of their development and helps them effectively transition from one business stage to another. From March 2000 to January 2003, Mr. Dargan was the Chief Financial Officer of Semotus Solutions, Inc., an American Stock Exchange-listed wireless mobility software company. Mr. Dargan also serves as a director of Hiplink Software, Inc. and CPSM, Inc. Further, Mr. Dargan began his finance career in investment banking with Drexel Burnham Lambert and later became Managing Director of two regional firms, including Houlihan Lokey Howard & Zukin, where he was responsible for the management of the private placement activities of the firm. Mr. Dargan received his B.A. degree in Government from Dartmouth College, his M.B.A. degree and M.S.B.A. degree in Finance from the University of Southern California. Mr. Dargan is a CPA.

*Kenneth R. Code* is our Chief Science Officer. He has been a director since April 2007. Mr. Code is our single largest stockholder. He is the founder of IOWC, which is engaged in the research and development of advanced disinfection technology, and from which the Company acquired its core iodine technology in April 2007. Mr. Code has authored several publications and holds several patents, with additional pending, concerning advanced iodine disinfection. Mr. Code graduated from the University of Calgary, Alberta, Canada.

*Joseph L. Provenzano* is our Vice President of Operations, Corporate Secretary. He has been a director since June 2002, assumed the role of Corporate Secretary in March 2003, was appointed Executive Vice President of Operations in January 2008 and was elected President of our subsidiary, Odor-No-More, Inc., upon the commencement of its operations in January 2010. He is a co-inventor on several of our company's patents and proprietary manufacturing processes, and has developed over 30 products from our CupriDyne® technology. Mr. Provenzano began his corporate career in 1988 in the marketing field. In 2001 he began work with an investment holding company to manage their mergers and acquisitions department, participating in more than 50 corporate mergers and acquisitions.

Table of Contents

*Gary A. Cox* has been a director since May 2003. Mr. Cox has more than 20 years of experience in the healthcare field as consultant to hospitals and medical groups. From March 2008 through March 2010, Mr. Cox worked as a medical consultant for The Fortus Group, an executive search firm specializing in the dialysis industry. From January 2007 to March 2008, Mr. Cox worked as a corporate recruiter and recruitment manager for United PamAm Financial Corporation, a specialty finance company focused on the automobile industry. From December 2005 to January 2007, Mr. Cox was an executive search consultant with Management Recruiters International, an executive search firm specializing in the biotechnology industry. In addition, since 1995, he has also been providing search and consulting services to hospitals and clinics throughout the United States. Previously, Mr. Cox served for more than 10 years with firms in the United Kingdom in various executive recruiting, sales and marketing positions. He holds a technical degree in engineering from Leicester University in England. He was also a competitive athlete and played for several professional soccer (football) clubs in England in his early career.

*Dennis E. Marshall* has been a director since April 2006. Mr. Marshall has over 46 years of experience in real estate, asset management, management level finance and operations-oriented management. Since 1981, Mr. Marshall has been a real estate investment broker in Orange County, California, representing buyers and sellers in investment acquisitions and dispositions. From March 1977 to January 1981, Mr. Marshall was a real estate syndicator at McCombs Corporation as well as the assistant to the Chairman of the Board. While at McCombs Corporation, Mr. Marshall became the Vice President of Finance, where he financially monitored numerous public real estate syndications. From June 1973 to September 1976, Mr. Marshall served as an equity controller for the Don Koll Company, an investment builder and general contractor firm, at which Mr. Marshall worked closely with institutional equity partners and lenders. Before he began his career in real estate, Mr. Marshall worked at Arthur Young & Co. (now Ernst & Young) from June 1969 to June 1973, where he served as Supervising Senior Auditor and was responsible for numerous independent audits of publicly held corporations. During this period, he obtained Certified Public Accountant certification. Mr. Marshall earned a degree in Accounting from the University of Texas, Austin in 1966 and earned a Master of Science Business Administration from the University of California, Los Angeles in 1969. Mr. Marshall serves as Chairman of the Audit Committee.

*Kent C. Roberts III* has been a director since August 2011. He is a partner at Acacia Investment Partners, a management consulting firm serving the asset management industry. Mr. Roberts has had a long and successful career in the asset management business as a north American practice leader or at the senior partner level. His investment experience spans 25 years where he served in senior positions in business management, trading, currency risk management, business development and marketing strategy, as well as governance and oversight roles. He has worked for both large firms as well as boutiques that bring unique investment expertise to investors around the world. Those firms include: Global Evolution USA, First Quadrant and Bankers Trust Company. He has presented at numerous industry conferences and as a guest speaker at numerous industry conferences and events. Prior to entering the financial services industry Mr. Roberts worked in the oil and gas exploration industry. Mr. Roberts received a MBA in Finance from the University of Notre Dame and a BS in Agriculture and Watershed Hydrology from the University of Arizona. Mr. Roberts holds a series 3 securities license.

*John S. Runyan* has been a director since October 2011. He has spent his career in the food industry. He began as a stock clerk at age 12, and ultimately served the Fleming Companies for 38 years, his last 10 years as a Senior

Executive Officer in its corporate headquarters where he was Group President of Price Impact Retail Stores with annual sales of over \$3 billion. He retired from Fleming in 2001, and established JSR&R Company Executive Advising, with a primary emphasis in the United States and international food business. His clients have included Coca Cola, Food 4 Less Price Impact Stores, IGA, Inc., Golden State Foods, Bozzuto Companies Foodstuffs New Zealand, Metcash Australia and McLane International. In 2005, he joined Associated Grocers in Seattle Washington as President and CEO, overseeing its purchase in 2007 by Unified Grocers, at which time he became Executive Advisor to its CEO and to its President. Mr. Runyan currently serves on the board of directors of Western Association of Food Chains and Retailer Owned Food Distributors of America. Additionally, Mr. Runyan served eight years as a board member of the City of Hope's Northern California Food Industry Circle, which included two terms as President, and was recognized with the City of Hope "Spirit of Life" award. He was the first wholesale executive to be voted "Man of the Year" by Food People Publication. He is a graduate of Washburn University, which recognized his business accomplishments in 2007 as the honoree from the School of Business "Alumni Fellow Award." Mr. Runyan serves as Chairman of the Compensation Committee.

Table of Contents

**CORPORATE GOVERNANCE**

Our corporate website, [www.biolargo.com](http://www.biolargo.com), contains the charters for our Audit and Compensation Committees and certain other corporate governance documents and policies, including our Code of Ethics. Any changes to these documents and any waivers granted with respect to our Code of Ethics will be posted at [www.biolargo.com](http://www.biolargo.com). In addition, we will provide a copy of any of these documents without charge to any stockholder upon written request made to Corporate Secretary, BioLargo, Inc., 14921 Chestnut St., Westminster, CA 92683. The information at [www.biolargo.com](http://www.biolargo.com) is not, and shall not be deemed to be, a part of this prospectus.

**Director Independence**

Our board of directors has determined that each of Messrs. Cox, Marshall, Roberts and Runyan is independent as defined under applicable Nasdaq Stock Market, LLC (“Nasdaq”) listing standards. Our board of directors has determined that neither Mr. Calvert, nor Mr. Code is independent as defined under applicable Nasdaq listing standards. Neither Mr. Calvert, nor Mr. Code serve on any committee of our board of directors.

**Meetings of our Board of Directors**

Our board of directors held four meetings during 2016. Each of the incumbent directors attended all the meetings of our board of directors and committees on which the director served, except for two absences at the annual board meeting in June 2016. Each of our directors is encouraged to attend our Annual Meeting of Stockholders, when these are held, and to be available to answer any questions posed by stockholders to such director.

**Communications with our Board of Directors**

The following procedures have been established by our board of directors to facilitate communications between our stockholders and our board of directors:

- Stockholders may send correspondence, which should indicate that the sender is a Stockholder, to our board of directors or to any individual director, by mail to Corporate Secretary, BioLargo, Inc., 14921 Chestnut St., Westminster, CA 92683.

Our Corporate Secretary will be responsible for the first review and logging of this correspondence and will forward the communication to the director or directors to whom it is addressed unless it is a type of correspondence which our board of directors has identified as correspondence which may be retained in our files and not sent to directors. Our board of directors has authorized the Corporate Secretary to retain and not send to directors communications •that: (a) are advertising or promotional in nature (offering goods or services), (b) solely relate to complaints by clients with respect to ordinary course of business customer service and satisfaction issues or (c) clearly are unrelated to our business, industry, management or Board or committee matters. These types of communications will be logged and filed but not circulated to directors. Except as set forth in the preceding sentence, the Corporate Secretary will not screen communications sent to directors.

The log of stockholder correspondence will be available to members of our board of directors for inspection. At least once each year, the Corporate Secretary will provide to our board of directors a summary of the •communications received from stockholders, including the communications not sent to directors in accordance with the procedures set forth above.

Our stockholders may also communicate directly with the non-management directors as a group, by mail addressed to Dennis E. Marshall, c/o Corporate Secretary, BioLargo, Inc., 14921 Chestnut St., Westminster, CA 92683.

Our Audit Committee has established procedures for the receipt, retention and treatment of complaints regarding questionable accounting, internal controls and financial improprieties or auditing matters. Any of our employees may confidentially communicate concerns about any of these matters by mail addressed to Audit Committee, c/o Corporate Secretary, BioLargo, Inc., 14921 Chestnut St., Westminster, CA 92683.

All the reporting mechanisms are also posted on our corporate website, [www.biolargo.com](http://www.biolargo.com). Upon receipt of a complaint or concern, a determination will be made whether it pertains to accounting, internal controls or auditing matters and, if it does, it will be handled in accordance with the procedures established by the Audit Committee.

### **Committees of our Board of Directors**

Our board of directors has established an Audit Committee and a Compensation Committee.

The Audit Committee meets with management and our independent registered public accounting firm to review the adequacy of internal controls and other financial reporting matters. Dennis E. Marshall served as Chairman of the Audit Committee during 2015 and continues to serve in that capacity. Gary A. Cox also serves on the Audit Committee. Our board of directors has determined that Mr. Marshall qualifies as an “audit committee financial expert” as defined in Item 401(h) of Regulation S-K of the Securities Exchange Act of 1934, as amended. The Audit Committee met five times in 2015 and five times during 2016.





## Table of Contents

The Compensation Committee reviews the compensation for all our officers and directors and affiliates. The Committee also administers our equity incentive option plan. Mr. Marshall served as Chairman of the Compensation Committee until October 2016, at which time Mr. John Runyan was appointed chairman. He continues to serve in that capacity. Mr. Cox also serves on the Compensation Committee, as does Mr. Marshall. The Compensation Committee met once during 2015 and three times in 2016.

Our board of directors did not modify any action or recommendation made by the Compensation Committee with respect to executive compensation for the 2015 or 2016 fiscal year. It is the opinion of the Compensation Committee that the executive compensation policies and plans provide the necessary total remuneration program to properly align their performance and the interests of our stockholders using competitive and equitable executive compensation in a balanced and reasonable manner, for both the short and long term.

We do not have a Nominating/Corporate Governance Committee primarily because of capital constraints, our early operational state and the size of our current Board make constituting and administering such a committee excessively burdensome and costly. The traditional responsibilities of such a committee are handled by our board of directors as a whole. Candidates for director nominees are reviewed in the context of the current composition of our board of directors, our company's operating requirements and the long-term interests of its stockholders. In conducting this assessment, our board of directors considers skills, diversity, age, and such other factors as it deems appropriate given the current needs of our board of directors and our company, to maintain a balance of knowledge, experience and capability. Our board of directors' process for identifying and evaluating nominees for director, including nominees recommended by stockholders, involves compiling names of potentially eligible candidates, conducting background and reference checks, conducting interviews with the candidate and others (as schedules permit), meeting to consider and approve the final candidates and, as appropriate, preparing an analysis regarding recommended candidates.

Our board of directors follows the written code of ethics that applies to its principal executive officers, principal financial officer, principal accounting officer or controller, or persons performing similar functions.

## **Leadership Structure of our Board of Directors**

Mr. Calvert serves as both principal executive officer and Chairman of the Board. Our company does not have a lead independent director. Messrs. Cox, Marshall, Roberts and Runyan serve as independent directors who provide active and effective oversight of our strategic decisions. As of the date of this prospectus, our company has determined that the leadership structure of our board of directors has permitted our board of directors to fulfill its duties effectively and efficiently and is appropriate given the size and scope of our company and its financial condition.

### **Our Board of Directors' Role in Risk Oversight**

As a smaller company, our executive management team, consisting of Messrs. Calvert and Code, are also members of our Board. Our board of directors, including our executive management members and independent directors, is responsible for overseeing our executive management team in the execution of its responsibilities and for assessing our company's approach to risk management. Our board of directors exercises these responsibilities on an ongoing basis as part of its meetings and through its committees. Each member of the management team has direct access to the other Board members, and our committees of our board of directors, to ensure that all risk issues are frequently and openly communicated. Our board of directors closely monitors the information it receives from management and provides oversight and guidance to our executive management team regarding the assessment and management of risk. For example, our board of directors regularly reviews our company's critical strategic, operational, legal and financial risks with management to set the tone and direction for ensuring appropriate risk taking within the business.

### **Family Relationships**

There are no family relationships among the directors and executive officers of our company.

Table of Contents**EXECUTIVE COMPENSATION**

The following table sets forth all compensation earned for services rendered to our company in all capacities for the fiscal years ended December 31, 2016 and 2015, by our principal executive officer and our three most highly compensated executive officers other than our principal executive officer, collectively referred to as the “Named Executive Officers.”

**Summary Compensation Table**

Name and Principal Positions	Year	Salary	Stock	Option	All other	Total
			Awards	Awards (1)		
Dennis P. Calvert, Chairman, Chief Executive Officer and President	2016	\$ 288,603 (2)	\$ —	\$ —	\$ 25,666 (3)	\$ 314,269
	2015	\$ 288,603 (2)	\$ —	\$ —	\$ 12,600 (3)	\$ 301,203
Kenneth R. Code, Chief Science Officer	2016	\$ 288,603 (4)	\$ —	\$ —	\$ 12,600 (3)	\$ 301,203
	2015	\$ 288,603 (4)	\$ —	\$ 68,000 (5)	\$ 12,600 (3)	\$ 369,203
Charles K. Dargan Chief Financial Officer	2016	\$ —	\$ —	\$ 106,950 (6)	\$ —	\$ 106,950
	2015	\$ —	\$ —	\$ 189,760 (6)	\$ —	\$ 189,760
Joseph Provenzano, Corporate Secretary; President Odor-No-More, Inc.	2016	\$ 169,772 (7)	\$ —	\$ —	\$ 14,513 (3)	\$ 184,285
	2015	\$ 162,055 (7)	\$ —	\$ 118,422 (8)	\$ 3,600 (3)	\$ 284,077

Our company recognizes compensation expense for stock option awards on a straight-line basis over the applicable service period of the award, which is the vesting period. Share-based compensation expense is based on the grant date fair value estimated using the Black-Scholes method. The amounts in the “Stock and Option Awards” (1) column reflect the aggregate grant date fair value of awards of stock or options, computed in accordance with SEC rules. These amounts do not represent the actual amounts paid to or realized by any of the recipients during fiscal 2015 and 2016.

(2) In 2015 and 2016 the employment agreement for Mr. Calvert provided for a base salary of \$288,603 and other compensation for health insurance and an automobile allowance. During 2015, we made cash payments to Mr. Calvert totaling \$201,337. Additionally, on March 31, 2015, Mr. Calvert agreed to accept 71,608 shares of our common stock, at a conversion rate of \$0.36 per share, in lieu of \$25,421 of accrued and unpaid salary obligation,

on September 30, 2015, Mr. Calvert agreed to accept 104,571 shares of our common stock, at a conversion rate of \$0.35 per share, in lieu of \$36,600 of accrued and unpaid salary obligation, and on September 30, 2015, Mr. Calvert agreed to accept 58,223 shares of our common stock, at a conversion price of \$0.65 per share, in lieu of 37,845 of accrued and unpaid salary obligation. The common stock issued is restricted from sale until the earlier of the termination of the executive's employment, or the filing of a report of a "change in control" on Form 8-K. During 2016 we made cash payments to Mr. Calvert totaling \$288,603, per his Employment Agreement. See "Employment Agreements—*Dennis P. Calvert*" and "Outstanding Equity Awards at Fiscal Year-End" below for more details.

- (3) Consists of health insurance premium and automobile allowance per Employment Agreements for 2015 and 2016. In 2016, Mr. Calvert received a \$20,000 bonus payment. As of December 31, 2016, there was an accrued bonus due to Mr. Calvert totaling \$40,000, and to Mr. Code totaling \$60,000, of which each amounts were paid in January 2017. In 2016, Mr. Provenzano received a \$5,000 bonus payment.

- (4) In 2015 and 2016 the employment agreement for Mr. Code provided for a base salary of \$288,603 and other compensation of \$12,600. During 2015 Mr. Code incurred \$21,167 of business expenses on behalf of our Company. During 2015, we made cash payments to Mr. Code totaling \$178,557. Additionally, on March 31, 2015, Mr. Code agreed to accept 158,131 shares of our common stock, at a conversion rate of \$0.36 per share, in lieu of \$56,137 of accrued and unpaid salary obligation, on September 30, 2015, Mr. Code agreed to accept 108,743 shares of our common stock, at a conversion rate of \$0.35 per share, in lieu of \$38,060 of accrued and unpaid salary obligation, and on September 30, 2015, Mr. Code agreed to accept 69,618 shares of our common stock, at a conversion price of \$0.65 per share, in lieu of \$45,522 of accrued and unpaid salary obligation. The common stock issued is restricted from sale until the earlier of the termination of the executive's employment, or the filing of a report of a "change in control" on Form 8-K. As of December 31, 2015 there was \$4,095 of accrued or unpaid obligations owed to Mr. Code. During 2016 Mr. Code incurred \$73,614 of business expenses on behalf of our Company. During 2016, we made payments totaling \$378,912. As of December 31, 2016, there was \$5,810 of accrued and unpaid reimbursable business expenses owed to Mr. Code. See "Employment Agreements—*Kenneth R. Code*" and "Outstanding Equity Awards at Fiscal Year-End" below for more details.

Table of Contents

(5) On June 24, 2015, our board of directors extended by five years the expiration of an option to purchase 200,000 shares of our common stock issued to our Chief Science Officer in February 2010. The option was originally issued in exchange for unpaid salary obligation at an exercise price of \$0.575 and now expires February 5, 2020. The fair value of the options resulted in an additional \$68,000 of selling, general and administrative expenses.

On September 30, 2015, our Chief Financial Officer, Charles K. Dargan, II, agreed to extend his engagement agreement dated February 1, 2008 (the “Engagement Agreement,” which had been previously extended multiple times). The Engagement Extension Agreement dated as of September 30, 2015 (the “Engagement Extension Agreement”) provides for an additional term to expire September 30, 2016 (the “Extended Term”), and is retroactively effective to February 1, 2015. Compensation during the Extended Term consists of the issuance of an option to purchase 300,000 shares of our common stock that vest over the term of the engagement with 120,000 shares vested as of September 30, 2015, and the remaining shares to vest 15,000 monthly, provided that the Engagement Extension Agreement with Mr. Dargan has not been terminated prior to each vesting date. The fair value of the option issued in 2015 totaled \$171,000.

(6)

On February 10, 2017, we and Mr. Dargan further extended his engagement agreement. The extension provides for an additional term to expire September 30, 2017 (the “Extended Term”), and is retroactively effective to the termination of the prior extension on October 1, 2016. This more recent extension again compensates Mr. Dargan through the issuance of an option to purchase 300,000 shares of the Company’s common stock. The strike price of the option is \$0.69 per share, which is equal to the closing price of the Company’s common stock on February 10, 2017, expires February 10, 2027, and vests over the term of the engagement with 125,000 shares having vested as of February 10, 2017, and the remaining shares to vest 25,000 shares monthly beginning March 1, 2017, and each month thereafter, so long as his agreement is in full force and effect. The fair value of the option totaled \$207,000.

(7) In 2015 and 2016 the employment agreement for Mr. Provenzano provided for a base salary of \$162,055 and \$169,772, respectively, and other compensation for health insurance and automobile allowance. During 2015 Mr. Provenzano incurred \$17,495 of business expenses on behalf of our Company. During 2015, we made cash payments to Mr. Provenzano totaling \$91,655. Additionally, on March 31, 2015, Mr. Provenzano agreed to accept 52,239 shares of our common stock, at a conversion rate of \$0.36 per share, in lieu of \$18,545 accrued and unpaid salary obligations, on June 30, 2015, Mr. Provenzano agreed to accept 65,629 shares of our common stock, at a conversion rate of \$0.35 per share, in lieu of \$22,972 accrued and unpaid salary obligations, on September 30, 2015, Mr. Provenzano agreed to accept 29,389 shares of our common stock, at a conversion rate of \$0.65 per share, in lieu of \$19,103 accrued and unpaid salary obligations, and on December 31, 2015, Mr. Provenzano agreed to accept 20,686 shares of our common stock, at a conversion rate of \$0.49 per share, in lieu of \$10,043 accrued and unpaid salary obligations. The common stock issued is restricted from sale until the earlier of the termination of the executive’s employment, or the filing of a report of a “change in control” on Form 8-K. As of December 31, 2015, Mr. Provenzano had accrued and unpaid obligations totaling \$3,338. During 2016 Mr. Provenzano incurred \$3,644 of business expenses on behalf of our Company. During 2016, we made cash payments to Mr. Provenzano totaling \$182,954. As of December 31, 2016, Mr. Provenzano had accrued and unpaid business expenses totaling \$1,910. See “Employment Agreements – Joseph Provenzano” and “Outstanding Equity Awards at Fiscal Year-End” below for more details.

(8) On June 24, 2015, our board of directors extended by five years the expiration of options to purchase an aggregate 296,203 shares of our common stock issued in August 2010. The options were originally issued in exchange for

accrued and unpaid amounts owed to our Secretary, at an exercise price of \$0.30 and now expire August 4, 2020. Fair value of the options resulted in an additional \$118,422 of selling, general and administrative expenses.

## **Employment Agreements**

### **Dennis P. Calvert**

We entered into an employment agreement dated as of April 29, 2007 with our President, Mr. Calvert (the “Calvert Employment Agreement”), which we amended on December 28, 2012 such that his salary will remain at \$288,603, the level paid in April 2012, with no further automatic increases, his agreement would automatically renew for one year periods on April 29<sup>th</sup> of each year, but may be terminated “without cause” at any time upon 120 days’ notice, and upon such termination he would not receive the severance originally provided for. All other terms in the 2007 agreement remain the same. Mr. Calvert will be eligible to participate in incentive plans, stock option plans and similar arrangements as determined by our Board. When such benefits are made available to our senior employees, Mr. Calvert is also eligible to receive health insurance premium payments for himself and his immediate family, a car allowance of \$800 per month, paid vacation of four weeks per year plus an additional two weeks per year for each full year of service during the term of the agreement up to a maximum of ten weeks per year, life insurance equal to three times his base salary and disability insurance.

Table of Contents

Pursuant to the Calvert Employment Agreement, on April 29, 2007, Mr. Calvert was granted an option, now a fully vested, (the “Option”) to purchase 7,733,259 shares of our common stock. The Option is a non-qualified stock option, exercisable at \$0.18 per share for ten years from the date of grant. This Option expires April 29, 2017. The Compensation Committee is currently evaluating its options regarding an extension of the expiration date of this Option.

The Calvert Employment Agreement further requires Mr. Calvert to keep certain information confidential, not to solicit customers or employees of our company or interfere with any business relationship of our company, and to assign all inventions made or created during the term of the Calvert Employment Agreement as “work made for hire”.

**Kenneth R. Code**

We entered into an employment agreement dated as of April 29, 2007 with Mr. Code, our Chief Science Officer (the “Code Employment Agreement”), which we amended on December 28, 2012 such that his salary will remain at \$288,603, the level paid in April 2012, with no further automatic increases, his agreement would automatically renew for one year periods on April 29th of each year, but may be terminated “without cause” at any time upon 120 days’ notice, and upon such termination he would not receive the severance originally provided for. All other terms in the 2007 agreement remain the same.

In addition, Mr. Code will be eligible to participate in incentive plans, stock option plans, and similar arrangements as determined by our board of directors. When such benefits are made available to our senior employees, Mr. Code is also eligible to receive health insurance premium payments for himself and his immediate family, a car allowance of \$800 per month, paid vacation of four weeks per year plus an additional two weeks per year for each full year of service during the term of the agreement up to a maximum of ten weeks per year, life insurance equal to three times his base salary and disability insurance.

The Code Employment Agreement further requires Mr. Code to keep certain information confidential, not to solicit customers or employees of our company or interfere with any business relationship of our company, and to assign all inventions made or created during the term of the Code Employment Agreement as “work made for hire”.

**Charles K. Dargan II**

Charles K. Dargan, II has served as our Chief Financial Officer since February 2008 pursuant to an engagement agreement with his company, CFO 911, that has been renewed each year. For the renewal effective February 1, 2015, Mr. Dargan was compensated through the issuance of an option to purchase an additional 300,000 shares of our common stock, at an exercise price of \$0.57 per share, to expire September 30, 2025, and vest over the term of the engagement with 120,000 shares vested as of September 30, 2015, and the remaining shares to vest 15,000 monthly, provided that the Engagement Extension Agreement with Mr. Dargan has not been terminated prior to each vesting date. Mr. Dargan receives no cash compensation from our company and continues to serve as our Chief Financial Officer.

On February 10, 2017, we and Mr. Dargan further extended his engagement agreement. The extension provides for an additional term to expire September 30, 2017 (the "Extended Term"), and is retroactively effective to the termination of the prior extension on October 1, 2016. This more recent extension again compensates Mr. Dargan through the issuance of an option to purchase 300,000 shares of the Company's common stock. The strike price of the option is \$0.69 per share, which is equal to the closing price of the Company's common stock on February 10, 2017, expires February 10, 2027, and vests over the term of the engagement with 125,000 shares having vested as of February 10, 2017, and the remaining shares to vest 25,000 shares monthly beginning March 1, 2017, and each month thereafter, so long as his agreement is in full force and effect.

**Joseph Provenzano**

Mr. Provenzano has served as Vice President of Operations since January 1, 2008, in addition to continuing to serving as our Corporate Secretary.

Mr. Provenzano's employment agreement provides a base compensation in 2016 of \$169,772 annually. Mr. Provenzano is also entitled to reimbursement for authorized expenses he incurs in the course of his employment. In addition, Mr. Provenzano is eligible to receive discretionary bonuses, participate in benefits made generally available to our employees and receive grants under our 2007 Equity Incentive Plan.

Mr. Provenzano's employment agreement automatically renews each year unless we give at least 90 days' notice of non-renewal, and contains additional provisions typical of an agreement of this nature.



Table of Contents**Director Compensation**

Each director who is not an officer or employee of our company receives an annual retainer of \$40,000, paid in cash or shares of our common stock, or options to purchase our common stock (pursuant to a plan put in place by our board of directors), in our sole discretion. In addition, Mr. Marshall and Mr. Runyan each receive an additional \$10,000 for their services as the chairman of the Audit Committee and chairman of the Compensation Committee, respectively. The following table sets forth information for the fiscal year ended December 31, 2016 regarding compensation of our non-employee directors. Our employee directors do not receive any additional compensation for serving as a director.

**Director Compensation for Fiscal Year 2016**

Name	Fees Earned or Fees Paid in Cash	Option Awards (1)	Non-Equity Incentive Plan Compensation	All Other Compensation	Total
Dennis E. Marshall	\$ 86,250 (2)	\$ 4,500 (7)	\$ —	\$ 61,055 (3)	\$ 151,805
Gary A. Cox	\$ 60,000 (4)	\$ 4,500 (7)	\$ —	\$ 22,497 (3)	\$ 86,997
Kent C. Roberts III	\$ 60,000 (6)	\$ 4,500 (7)	\$ —	\$ —	\$ 64,500
John Runyan	\$ 63,750 (8)	\$ 4,500 (7)	\$ —	\$ —	\$ 68,250

(1) Our company recognizes compensation expense for stock option awards on a straight-line basis over the applicable service period of the award, which is the vesting period. Share-based compensation expense is based on the grant date fair value estimated using the Black-Scholes method. The amounts in the “Stock and Option Awards” column reflect the aggregate grant date fair value of awards of stock or options, computed in accordance with SEC rules. These amounts do not represent the actual amounts paid to or realized by any of the recipients during fiscal 2016.

(2) In 2016 Mr. Marshall earned director fees of \$86,250, which included compensation for serving as Chairman of the Audit Committee of our board of directors. During 2016, Mr. Marshall received options in lieu of cash consisting of (i) on March 31, 2016, an issuance of an option to purchase 68,182 shares of our common stock at \$0.33 per share, (ii) on June 30, 2016, an issuance of an option to purchase 50,000 shares of our common stock at \$0.45 per share, (iii) on September 30, 2016, an issuance of an option to purchase 29,605 shares of our common stock at \$0.76 per share, and (iv) on December 31, 2016, an issuance of an option to purchase 22,590 shares of our common stock at \$0.83 per share. As of December 31, 2016, Mr. Marshall held options to purchase an aggregate 1,929,549 shares of our common stock with a weighted average exercise price of \$0.40 per share and a weighted average remaining life of six years.

(3) On March 27, 2016, our Board of Directors extended by five years the expiration of options to purchase 307,777 shares of our common stock issued to our Board of Directors and vendors in March 2011. The options were originally issued in exchange for unpaid obligations and now expire on March 27, 2021. The weighted-average fair value of the options resulted in additional \$83,552 of selling, general and administrative expenses.

(4) In 2016 Mr. Cox earned director fees of \$60,000. During 2016, Mr. Cox received options in lieu of cash consisting of (i) on March 31, 2016, an issuance of an option to purchase 45,455 shares of our common stock at \$0.33 per share, (ii) on June 30, 2016, an issuance of an option to purchase 33,333 shares of our common stock at \$0.45 per share, (iii) on September 30, 2016, an issuance of an option to purchase 10,526 shares of our common stock at \$0.76 per share, and (iv) on December 30, 2015, an issuance of an option to purchase 9,036 shares of our common stock at \$0.83 per share. During 2016 Mr. Cox received cash payments totaling \$14,500. As of December 31, 2016, Mr. Cox held options to purchase an aggregate 1,169,151 shares of our common stock with a weighted average exercise price of \$0.39 per share and a weighted average remaining life of six years.

(6) In 2015 Mr. Roberts earned director fees of \$60,000. During 2016, Mr. Roberts received options in lieu of cash consisting of (i) on March 31, 2016, an issuance of an option to purchase 45,455 shares of our common stock at \$0.33 per share, (ii) on June 30, 2016, an issuance of an option to purchase 33,333 shares of our common stock at \$0.45 per share, (iii) on September 30, 2016, an issuance of an option to purchase 19,737 shares of our common stock at \$0.76 per share, and (iv) on December 30, 2016, an issuance of an option to purchase 18,072 shares of our common stock at \$0.83 per share. As of December 31, 2016, Mr. Roberts held options to purchase an aggregate 888,331 shares of our common stock with a weighted average exercise price of \$0.39 per share and a weighted average remaining life of seven years.

(7) Pursuant to the terms of the 2007 Equity Incentive Plan, our independent board members are automatically awarded an option to purchase 10,000 shares (or a pro-rata portion upon becoming an independent board member) of our common stock effective the date of the annual stockholder's meeting (or effective date of an annual stockholder's consent). On Jun 24, 2016, each of Mr. Marshall, Mr. Cox, Mr. Roberts and Mr. Runyan were automatically granted an option to purchase 10,000 shares of our common stock at an exercise price of \$0.45 per share, resulting in a fair value of \$4,500 per each issuance.

(8) In 2016 Mr. Runyan earned director fees of \$63,750. During 2016, Mr. Runyan received options in lieu of cash consisting of (i) on March 31, 2016, an issuance of an option to purchase 45,455 shares of our common stock at \$0.33 per share, (ii) on June 30, 2016, an issuance of an option to purchase 33,333 shares of our common stock at \$0.45 per share, (iii) on September 30, 2016, an issuance of an option to purchase 19,737 shares of our common stock at \$0.76 per share, and (iv) on December 30, 2016, an issuance of an option to purchase 22,590 shares of our common stock at \$0.83 per share. As of December 31, 2016, Mr. Runyan held options to purchase an aggregate 869,719 shares of our common stock with a weighted average exercise price of \$0.40 per share and a weighted average remaining life of seven years.

Table of Contents

**Equity Compensation Plans**

On August 7, 2007, our board of directors adopted the BioLargo, Inc. 2007 Equity Incentive Plan (“2007 Plan”) as a means of providing our directors, key employees and consultants additional incentive to provide services. Both stock options and stock grants may be made under this plan. The Compensation Committee administers this plan. The plan allows grants of common shares or options to purchase common shares. As plan administrator, the Compensation Committee has sole discretion to set the price of the options. The Compensation Committee may at any time amend or terminate the plan.

Under this plan, as amended in 2011, 12,000,000 shares of our common stock are reserved for issuance under awards. Any shares that are represented by awards under the 2007 Plan that are forfeited, expire, or are canceled or settled in cash without delivery of shares, or that are forfeited back to us or reacquired by us after delivery for any reason, or that are tendered to us or withheld to pay the exercise price or related tax withholding obligations in connection with any award under the 2007 Plan, will again be available for awards under the 2007 Plan. Only shares actually issued under the 2007 Plan will reduce the share reserve. If we acquire another entity through a merger or similar transaction and issue replacement awards under the 2007 Plan to employees, officers and directors of the acquired entity, those awards, to the extent permitted under applicable laws and securities exchange rules, will not reduce the number of shares reserved for the 2007 Plan.

The 2007 Plan imposes additional maximum limitations, which limitations will be adjusted to take into account stock splits, reverse stock splits and other similar occurrences. The maximum number of shares that may be issued in connection with incentive stock options granted to any one person in any calendar year intended to qualify under Internal Revenue Code Section 422 is 160,000 shares. The maximum number of shares that may be subject to stock options or stock appreciation rights granted to any one person in any calendar year is 200,000 shares, except that this limit is 400,000 shares if the grant is made in the year of the recipient’s initial employment. The maximum number of shares that may be subject to restricted stock or restricted stock units granted to any one person in any calendar year is 200,000 shares. The maximum number shares that may be subject to awards granted to any one Participant in any calendar year of (i) performance shares, and/or performance units (the value of which is based on the fair market value of a share), is 200,000 shares; and (ii) of performance units (the value of which is not based on the fair market value of a share) that could result in a payment of more than \$500,000.

In addition to the 2007 Plan, our board of directors has approved a plan to allow employees, consultants and vendors by which outstanding amounts owed may be converted to common stock, or options to purchase common stock. The conversion and exercise price as based on the closing price of the common stock on the date of agreement. If an option is issued, the number of shares purchasable by the option is calculated by dividing the amount owed by the exercise price, times one and one-half.



Table of Contents**Outstanding Equity Awards at Fiscal Year-End**

The following table sets forth information regarding unexercised stock options and equity incentive plan awards for each of the Named Executive Officers outstanding as of December 31, 2016. All stock or options that were granted to the Named Executive Officers during the fiscal year ended December 31, 2016 have fully vested, except as indicated.

Name	Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable	Equity	Share		
			Incentive Plan Awards: Number of Securities Underlying Unexercised Options	Option Exercise Price	Option Grant Date	Option Expiration Date
Dennis P. Calvert	7,733,259		--	\$ 0.18	\$ 0.37	April 29, 2017
	200,000		--	\$ 0.94	\$ 0.94	December 28, 2017
	60,000		--	\$ 0.55	\$ 0.37	April 27, 2019
	691,974		--	\$ 0.55	\$ 0.37	April 27, 2019
	200,000		--	\$ 0.575	\$ 0.50	February 1, 2020
Charles K. Dargan II	50,000		--	\$ 1.89	\$ 1.89	February 1, 2018
	10,000		--	\$ 1.65	\$ 1.65	April 29, 2018
	10,000		--	\$ 1.55	\$ 1.55	May 31, 2018
	10,000		--	\$ 1.10	\$ 1.10	June 30, 2018
	10,000		--	\$ 0.99	\$ 0.99	July 31, 2018
	10,000		--	\$ 0.90	\$ 0.90	August 31, 2018
	10,000		--	\$ 0.89	\$ 0.89	September 30, 2018
	10,000		--	\$ 0.35	\$ 0.35	October 31, 2018
	10,000		--	\$ 0.70	\$ 0.70	November 30, 2018
	10,000		--	\$ 0.41	\$ 0.41	December 31, 2018
	10,000		--	\$ 0.38	\$ 0.38	January 31, 2019
	50,000		--	\$ 0.28	\$ 0.28	February 23, 2019
	10,000		--	\$ 0.30	\$ 0.30	April 29, 2019

Edgar Filing: BIOLARGO, INC. - Form S-1/A

	36,000	--	\$ 0.50	\$ 0.30	April 29, 2019
	10,000	--	\$ 0.45	\$ 0.45	May 31, 2019
	10,000	--	\$ 0.45	\$ 0.45	June 30, 2019
	10,000	--	\$ 0.50	\$ 0.50	July 31, 2019
	10,000	--	\$ 0.43	\$ 0.43	August 31, 2019
	10,000	--	\$ 0.40	\$ 0.40	September 30, 2019
	10,000	--	\$ 0.45	\$ 0.45	October 31, 2019
	10,000	--	\$ 0.57	\$ 0.57	November 30, 2019
	10,000	--	\$ 0.70	\$ 0.70	December 31, 2019
	10,000	--	\$ 0.50	\$ 0.50	January 31, 2020
	10,000	--	\$ 0.45	\$ 0.45	February 28, 2020
	60,000	--	\$ 0.575	\$ 0.50	February 1, 2020
	10,000	--	\$ 0.50	\$ 0.50	March 31, 2020
	10,000	--	\$ 0.39	\$ 0.39	April 29, 2020
	10,000	--	\$ 0.31	\$ 0.31	May 31, 2020
	10,000	--	\$ 0.25	\$ 0.25	June 30, 2020
	10,000	--	\$ 0.24	\$ 0.24	July 31, 2020
	10,000	--	\$ 0.23	\$ 0.23	August 30, 2020
	200,000	--	\$ 0.30	\$ 0.30	August 4, 2020
	10,000	--	\$ 0.35	\$ 0.35	September 30, 2020
	10,000	--	\$ 0.42	\$ 0.42	October 31, 2020
	10,000	--	\$ 0.40	\$ 0.40	November 30, 2020
	10,000	--	\$ 0.50	\$ 0.50	December 31, 2020
	10,000	--	\$ 0.42	\$ 0.42	January 31, 2021
	120,000	--	\$ 0.41	\$ 0.41	February 28, 2021
	300,000	--	\$ 0.35	\$ 0.35	April 10, 2022
	410,000	--	\$ 0.30	\$ 0.30	December 28, 2022
	300,000	--	\$ 0.30	\$ 0.30	July 17, 2023
	300,000	--	\$ 0.30	\$ 0.30	June 23, 2024
	300,000	--	\$ 0.57	\$ 0.57	September 30, 2025
Kenneth R. Code	200,000	--	\$ 1.03	\$ 0.94	July 17, 2023
	200,000	--	\$ 0.575	\$ 0.50	February 1, 2020
Joseph Provenzano	100,000	--	\$ 0.94	\$ 0.94	December 28, 2017
	30,000	--	\$ 0.50	\$ 0.37	April 27, 2019
	200,000	--	\$ 0.575	\$ 0.50	February 1, 2020
	296,203	--	\$ 0.30	\$ 0.30	August 4, 2020
	200,000	--	\$ 0.41	\$ 0.41	March 21 2021

Table of Contents

**Limitation of Liability and Indemnification Matters**

As permitted by the Delaware general corporation law, we have included a provision in our certificate of incorporation to eliminate the personal liability of our directors for monetary damages for breach of their fiduciary duties as directors, except for liability (i) for any breach of the director's duty of loyalty to our company, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under section 174 of the Delaware general corporation law or (iv) for any transaction from which the director derived an improper personal benefit. Our certificate of incorporation also provides that our company shall, to the full extent permitted by section 145 of the Delaware general corporation law, as amended from time to time, indemnify all persons whom it may indemnify pursuant thereto.

In addition, our Bylaws provide that we are required to indemnify our officers and directors even when indemnification would otherwise be discretionary, and we are required to advance expenses to our officers and directors as incurred in connection with proceedings against them for which they may be indemnified. We have entered into indemnification agreements with our officers and directors containing provisions that are in some respects broader than the specific indemnification provisions contained in the Delaware general corporation law. The indemnification agreements require us to indemnify our officers and directors against liabilities that may arise by reason of their status or service as officers and directors other than for liabilities arising from willful misconduct of a culpable nature, to advance their expenses incurred as a result of any proceeding against them as to which they could be indemnified, and to obtain our directors' and officers' insurance if available on reasonable terms. We have obtained directors' and officers' liability insurance in amounts comparable to other companies of our size and in our industry.

Our company has not entered into any indemnification agreement with any of its directors or officers.

No pending litigation or proceeding involving a director, officer, employee or other agent of our company currently exists as to which indemnification is being sought. We are not aware of any threatened litigation that may result in claims for indemnification by any director, officer, employee or other agent of our company.

See "Disclosure of SEC Position on Indemnification for Securities Act Liabilities."

Table of Contents**SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT**

The following table sets forth information regarding the beneficial ownership of shares of our common stock as of March 30, 2017, including rights to acquire beneficial ownership of shares of our common stock within 60 days of March 30, 2017, by: (a) all stockholders known to us to be beneficial owners of more than 5% of the outstanding common stock; (b) each director; (c) each Named Executive Officer; and (d) all directors and executive officers of our company as a group:

Name and Address of Beneficial Owner (1)	Amount of Beneficial Ownership	Percent of Class (2)
<b>Directors and Officers (3)</b>		
Kenneth R. Code (4)	22,719,649	20.4 %
Dennis P. Calvert (5)	12,905,824	11.6 %
Charles K. Dargan II (6)	2,486,244	2.2 %
Joseph L. Provenzano (7)	2,096,946	1.9 %
Dennis E. Marshall (8)	2,189,671	2.0 %
Gary A. Cox (9)	1,569,636	1.4 %
Kent C. Roberts III (10)	1,557,414	1.4 %
John S. Runyan (11)	1,223,957	1.1 %
All directors and officers as a group (8 persons)(12)	46,749,341	41.9 %

Except as noted in any footnotes below, each person has sole voting power and sole dispositive power as to all of (1) the shares shown as beneficially owned by them. Beneficial ownership is determined in accordance with the rules of the SEC and generally includes voting or investment power with respect to securities.

(2) Our company has only one class of stock outstanding. The sum of 94,945,211 shares of common stock outstanding on March 30, 2017, and 16,823,384 shares of common stock subject to options currently exercisable or exercisable within 60 days by the directors and officers, are deemed outstanding for determining the number of shares beneficially owned by the directors and officers, and the directors and officers as a group, and for computing the percentage ownership of the person holding such options, but are not deemed outstanding for computing the percentage ownership of any other person.

(3) The address for all directors and the Named Executive Officers is: c/o BioLargo, Inc., 14921 Chestnut St., Westminster, CA 92683, except for: Kent C. Roberts III's address is 1146 Oxford Road, San Marino, CA 91108; Charles K. Dargan II's address is 8055 W. Manchester Ave., Ste. 405, Playa Del Rey, CA 90293; and John S. Runyan's address is 30001 Hillside Terrace, San Juan Capistrano, CA 92675.

(4) Includes 22,139,012 shares owned indirectly by Mr. Code issued on April 29, 2007 to IOWC Technologies, Inc. in connection with the acquisition by our company of certain intellectual property and other assets on that date.



Includes 460,000 shares issuable to Mr. Code upon exercise of options.

- (5) Includes 1,528,695 shares, and an option to purchase 691,974 shares, of common stock held by New Millennium Capital Partners, LLC, which is wholly owned and controlled by Mr. Calvert. Includes 7,733,259 shares issuable to Mr. Calvert upon exercise of the options issued in connection with his employment agreement. Includes 460,000 shares issuable to Mr. Calvert upon exercise of other options granted from time to time by our company.
- (6) Includes 2,296,000 shares issuable to Mr. Dargan upon exercise of options.
- (7) Includes 826,203 shares issuable to Mr. Provenzano upon exercise of options.
- (8) Includes 1,817,444 shares issuable to Mr. Marshall upon exercise of options.
- (9) Includes 1,097,256 shares issuable to Mr. Cox upon exercise of options.
- (10) Includes 807,189 shares issuable to Mr. Roberts upon exercise of options.
- (11) Includes 784,059 shares issuable to Mr. Runyan upon exercise of options.
- (12) Includes 16,823,384 shares issuable to all directors and officers as a group, upon exercise of options.

Table of Contents

**CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS**

Our company has adopted a policy that all transactions between our company and its executive officers, directors and other affiliates must be approved by a majority of the members of our board of directors and by a majority of the disinterested members of our board of directors, and must be on terms no less favorable to our company than could be obtained from unaffiliated third parties.

From time to time, our company is unable to pay in full amounts due to its officers for salary and business expenses, and those amounts are recorded as liabilities in our financial statements. These amounts are then paid in the future as our company's cash position allows, or through the issuance of our common stock, or an option to purchase common stock, pursuant to a plan adopted by our board for the payment of outstanding payables.

During 2016, we issued options to purchase 170,377 shares of our common stock to a member of our Board of Directors, Mr. Marshall, in exchange for the payment of \$86,250 of board of director fees due. Pursuant to a plan adopted by our Board of Directors for the reduction of outstanding accounts payable, the options were issued at a strike price equal to the closing price of our common stock on the date of the agreement, and the number of shares purchasable was calculated by dividing the total amount of fees due by the exercise price and multiplying that number by one point five. As a result, the aggregate value of the options issued to Mr. Marshall was equal to \$86,250.

During 2016, we issued options to purchase 121,115 shares of our common stock to a member of our Board of Directors, Mr. Runyan, in exchange for the payment of \$63,750 of board of director fees due. Pursuant to a plan adopted by our Board of Directors for the reduction of outstanding accounts payable, the options were issued at a strike price equal to the closing price of our common stock on the date of the agreement, and the number of shares purchasable was calculated by dividing the total amount of fees due by the exercise price and multiplying that number by one point five. As a result, the aggregate value of the options issued to Mr. Runyan was equal to \$63,750.

Table of Contents**DESCRIPTION OF CAPITAL STOCK**

Our authorized capital stock consists of 200,000,000 shares of common stock, par value \$0.00067 per share, and 50,000,000 shares of preferred stock, par value \$0.00067 per share.

## Authorized and Issued Stock

<b><u>Title of Class</u></b>	Number of shares at March 30, 2017		
	Authorized	Outstanding	Reserved
Common stock, par value \$0.00067 per share	200,000,000	94,945,211	62,810,521
Preferred stock, \$0.00067 par value per share	50,000,000	-0-	

**Common Stock**

*Dividends.* Each share of our common stock is entitled to receive an equal dividend, if one is declared. We cannot provide any assurance that we will declare or pay cash dividends on our common stock in the future. Any future determination to declare cash dividends will be made at the discretion of our board of directors, subject to applicable laws, and will depend on our financial condition, results of operations, capital requirements, general business conditions and other factors that our board of directors may deem relevant. Our board of directors may determine it to be necessary to retain future earnings (if any) to finance operations. See “Risk Factors” and “Dividend Policy.”

*Liquidation.* If our company is liquidated, then assets that remain (if any) after the creditors are paid and the owners of preferred stock receive liquidation preferences (as applicable) will be distributed to the owners of our common stock *pro rata*.

*Voting Rights.* Each share of our common stock entitles the owner to one vote. There is no cumulative voting. A simple majority can elect all of the directors at a given meeting, and the minority would not be able to elect any director at that meeting.

*Preemptive Rights.* Owners of our common stock have no preemptive rights. We may sell shares of our common stock to third parties without first offering such shares to current stockholders.

*Redemption Rights.* We do not have the right to buy back shares of our common stock except in extraordinary transactions, such as mergers and court approved bankruptcy reorganizations. Owners of our common stock do not ordinarily have the right to require us to buy their common stock. We do not have a sinking fund to provide assets for any buy back.

*Conversion Rights.* Shares of our common stock cannot be converted into any other kind of stock except in extraordinary transactions, such as mergers and court approved bankruptcy reorganizations.

*Nonassessability.* All outstanding shares of our common stock are fully paid and nonassessable.

### **Preferred Stock**

Our certificate of incorporation authorizes our board of directors to issue “blank check” preferred stock. Our board of directors may divide this preferred stock into series and establish the rights, preferences and privileges thereof. Our board of directors may, without prior stockholder approval, issue any or all of the shares of this preferred stock with dividend, liquidation, conversion, voting or other rights that could adversely affect the relative voting power or other rights of our common stock. Preferred stock could be used as a method of discouraging, delaying or preventing a takeover or other change in control of our company. Issuances of preferred stock in the future could have a dilutive effect on our common stock.

As of the date of this prospectus, there are no shares of our preferred stock outstanding.

Table of Contents

**DESCRIPTION OF THE OFFERING**

This is a registration of shares that were previously sold by the Company through the issuance of convertible promissory notes and the exercise of stock purchase warrants, and shares to be sold by the Company through the exercise of stock purchase warrants. This prospectus relates to the sale of up to 36,090,857 shares of our common stock by selling stockholders.

Table of Contents**SELLING STOCKHOLDERS**

The following table presents information regarding the selling stockholders and the shares of our common stock that may be sold by them pursuant to this prospectus. Except for Jack Strommen, who is a 40% shareholder of Clyra, and a consultant, none of the selling stockholders has had within the past three years any position, office or other material relationship with our company or any of its predecessors or affiliates. Other than Freedom Investors Corp., no selling stockholder that is not a natural person is a broker-dealer or an affiliate of a broker-dealer. Shares beneficially owned prior to the offering includes shares that may be issued to the selling stockholders pursuant to the exercise of stock purchase warrants and conversion of convertible promissory notes.

Our company issued the shares being offered for resale pursuant to this prospectus to the selling stockholders in private placements that we effected in 2013, 2015, and 2016 in exchange for consideration that we received from the selling stockholders.

<b>Name</b>	<b>Number of Shares of Common Stock Beneficially Owned Prior to Offering</b>	<b>Number of Shares of Common Stock Being Offered</b>	<b>Shares of Common Stock Beneficially Owned After the Offering</b>	<b>Percentage Beneficially Owned After Registration</b>	
Andrea Kochensparger	986,992	986,992	—	*	%
Anthony J. Jacobson	876,596	585,559	291,037	*	%
Austin N. Heberger	149,883	149,883	—	*	%
Best Home Choices, LLC	179,858	179,858	—	*	%
Black Mountain Equities, Inc.	640,000	640,000	—	*	%
BMS Endeavor, LLP	612,117	212,117	400,000	*	%
Brandan Adams and Dr. Shelley Thompson	202,771	202,771	—	*	%
Brandan M Adams	191,429	191,429	—	*	%
Brian Griffith	201,502	201,502	—	*	%
Brian Griffith and Lorelei Griffith	107,135	107,135	—	*	%
Bruce Evans	500,000	500,000	—	*	%
Bruce Kelber	92,857	40,000	52,857	*	%
C1P Solutions Inc	431,221	345,507	85,714	*	%
California Clock Co.	210,568	210,568	—	*	%
Carl Soderlund	161,224	161,224	—	*	%
Chris T. Washburn	71,429	71,429	—	*	%
Christopher A. Herr	691,050	691,050	—	*	%
Coastal Real Estate Investments Inc.	273,817	273,817	—	*	%
Daniel John Conger	485,233	485,233	—	*	%

Edgar Filing: BIOLARGO, INC. - Form S-1/A

David Azari	1,054,335	1,054,335	—	*	%
Demosthenes Dionis	147,819	147,819	—	*	%
Dennis DeSmith	124,000	60,000	64,000	*	%
Don and Bryn Oates	40,000	40,000	—	*	%
Douglas Goularte	207,440	207,440	—	*	%
Douglas J. Morgan	333,981	333,981	—	*	%

Table of Contents

Duane Fitzgerald	209,471	209,471	—	* %
Ermelinda Arriola	745,283	745,283	—	* %
Eva Wald	150,117	150,117	—	* %
Freedom Investor Corp.	128,800	128,800	—	* %
G. Scott McComb	133,652	133,652	—	* %
Gemini Master Fund, Ltd	480,000	480,000	—	* %
Golfbully Venture Capital, LLC	211,592	211,592	—	* %
Harvey Bibicoff	502,095	502,095	—	* %
Irving Cantor	150,140	150,140	—	* %
Jack Strommen	6,854,154	6,854,154	—	* %
James C. Hilbert	798,255	798,255	—	* %
Jeanne M. Stratta	290,473	290,473	—	* %
Jeffrey Jackson	200,000	200,000	—	* %
Jeffrey Jeremiah McCarty	186,802	186,802	—	—* %
Jennifer Blake	207,769	207,769	—	* %
John J. Dombroski	50,000	50,000	—	* %
John L. Martino	484,777	484,777	—	* %
Johnathan Rubic	180,601	180,601	—	* %
Jonathan Phillips	50,000	50,000	—	* %
Joseph A. Martino	765,248	765,248	—	* %
Julius Argumedo	102,307	102,307	—	* %
Kent Shuster	465,514	465,514	—	* %
Larry Backus	267,688	80,000	187,688	* %
Larry Levine	1,259,931	1,259,931	—	* %
Mark Sherman	397,517	397,517	—	* %
Matthew B. Madden	134,272	134,272	—	* %
Michael A. Krever	127,964	127,964	—	* %
Michael B. Greenberg	206,541	206,541	—	* %
Michael Rivkind	108,364	108,364	—	* %
Moshe and Gabriel Azari	1,644,219	1,644,219	—	* %
Neta Phillips	50,000	50,000	—	* %
Nicholas H. Nguyen	466,543	466,543	—	* %
Nicholas Steele	93,350	93,350	—	* %
Partner Ship Inc.	697,157	622,157	75,000	* %
Patricia Jonikaitis	212,301	212,301	—	* %
Paul McDermott	74,666	74,666	—	* %
Pedro Arriola	278,099	102,672	175,427	* %
Peter Jonikaitis	212,406	212,406	—	* %
Peter K Nitz	257,762	257,762	—	* %
Phillip Harris	100,000	100,000	—	* %
R. Jonathan Robinson	499,114	499,114	—	* %
Ralph C. Jenney and Joanne M. Jenney	241,919	241,919	—	* %
Randall Alan Heller	40,000	40,000	—	* %
Raymond A. Pronto	1,307,901	1,307,901	—	* %
Robert A. Commandeur	504,094	504,094	—	* %
Robert G Szewc	273,852	273,852	—	* %





Table of Contents

Rona K. Krenik and Mark Krenik	148,601	148,601	—	* %
Scott Garver	147,661	147,661	—	* %
Sean M. Tabor	249,357	249,357	—	* %
Sexton Equities LLC	12,000	12,000	—	* %
Stephen E. Harmon	293,046	293,046	—	* %
Stephen W. Prough and Kathleen R. Prough	210,489	210,489	—	* %
Susan Carlisle	93,276	93,276	—	* %
Teri Nowe Myers and Scott Garver	295,446	295,446	—	* %
Terry Hartshorn and Sharon Hartshorn	631,598	631,598	—	* %
Tim C. Wachter	169,930	169,930	—	* %
Timothy C. Larsen	220,629	46,000	174,629	* %
Timothy J. Ertmer and Jodi L. Ertmer	416,912	416,912	—	* %
Timothy Romanow	250,000	150,000	100,000	* %
Tom and Yolanda Talbot	548,004	488,004	60,000	* %
Vince J. Severino	1,831,364	1,831,364	—	* %
Wesley Larsen	280,996	250,996	30,000	* %
William Waligora	211,933	211,933	—	* %
<b>TOTAL</b>	<b>37,787,209</b>	<b>36,090,857</b>	<b>1,696,352</b>	<b>0.9 %</b>

\* Less than one percent (1%)

Except as noted in any footnotes below, each person has sole voting power and sole dispositive power as to all of (1) the shares shown as beneficially owned by them. Beneficial ownership is determined in accordance with the rules of the SEC and generally includes voting or investment power with respect to securities.

Our company has only one class of stock outstanding. The sum of 94,945,211 shares of common stock outstanding on March 30, 2017, and 59,747,241 shares of common stock subject to options, warrants and (2) convertible notes currently exercisable or convertible, or exercisable or convertible within 60 days, are deemed outstanding for determining the number of shares beneficially owned by the stockholders.

Table of Contents

**PLAN OF DISTRIBUTION**

This prospectus covers the sale of up to 36,090,857 shares of our common stock by the selling stockholders. See “Description of Offering.”

The Selling Stockholders are “underwriters,” and may be deemed to be an “underwriter,” within the meaning of the Securities Act. The Selling Stockholders and any of their respective pledgees, donees, assignees and successors-in-interest may, from time to time, sell any or all of their shares of common stock being offered under this prospectus on any stock exchange, market or trading facility on which shares of our common stock are traded or in private transactions. These sales may be at fixed or negotiated prices. The Selling Stockholders may use any one or more of the following methods when disposing of shares:

ordinary brokerage transactions and transactions in which the broker-dealer solicits investors;

block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;

purchases by a broker-dealer as principal and resale by the broker-dealer for its account;

an exchange distribution in accordance with the rules of the applicable exchange;

privately negotiated transactions;

to cover short sales made after the date that this Registration Statement is declared effective by the Commission;

broker-dealers may agree with the Selling Stockholder to sell a specified number of such shares at a stipulated price per share;

a combination of any such methods of sale; and

any other method permitted pursuant to applicable law; provided, however, that Selling Stockholders who are executive officers or directors of the Company have agreed to sell the shares they hold personally through their individual broker (not a broker that may be engaged on behalf of the Company, if applicable) and not as principal

acting for their own accounts.

The Selling Stockholder may also sell shares under an exemption from the registration requirements under the Securities Act, if available, rather than under this prospectus.

Broker-dealers engaged by the Selling Stockholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the Selling Stockholder (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated.

The Selling Stockholders may from time to time pledge or grant a security interest in some or all of the Shares owned by it and, if it defaults in the performance of their secured obligations, the pledgees or secured parties may offer and sell shares of common stock from time to time under this prospectus, or under an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933 amending the list of Selling Stockholders to include the pledgee, transferee or other successors in interest as Selling Stockholders under this prospectus.

The Selling Stockholders also may transfer the shares of common stock in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

Any broker-dealers or agents that are involved in selling the shares offered under this prospectus may be deemed to be "underwriters," within the meaning of the Securities Act in connection with these sales. Commissions received by these broker-dealers or agents and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Any broker-dealers or agents that are deemed to be underwriters may not sell shares offered under this prospectus unless and until we set forth the names of the underwriters and the material details of their underwriting arrangements in a supplement to this prospectus or, if required, in a replacement prospectus included in a post-effective amendment to the registration statement of which this prospectus is a part.

The Company has advised the Selling Stockholders that it may not use shares registered on this Registration Statement to cover short sales of common stock made prior to the date on which this Registration Statement shall have been declared effective by the Commission. If the Selling Stockholder uses this prospectus for any sale of the common stock, it will be subject to the prospectus delivery requirements of the Securities Act. The Selling Stockholder will be responsible to comply with the applicable provisions of the Securities Act and Exchange Act, and the rules and regulations thereunder promulgated, including, without limitation, Regulation M, as applicable to such Selling Stockholder in connection with resales of their respective shares under this Registration Statement. The Equity Purchaser has agreed not to engage in any direct or indirect short selling of our common stock during the term of the Purchase Agreement.

The company is required to pay all fees and expenses incident to the registration of the shares, but the company will not receive any proceeds from the sale of the common stock by Selling Stockholders.

Table of Contents

**Blue Sky Restrictions on Resale**

If a Selling Stockholder wants to sell shares of our common stock under this registration statement in the United States, the Selling Stockholder will also need to comply with state securities laws, also known as “Blue Sky laws,” with regard to secondary sales. All states offer a variety of exemption from registration for secondary sales. Many states, for example, have an exemption for secondary trading of securities registered under Section 12(g) of the Exchange Act or for securities of issuers that publish continuous disclosure of financial and non-financial information in a recognized securities manual, such as Standard & Poor’s. The broker for the Selling Stockholder will be able to advise the Selling Stockholder as to which states that our common stock is exempt from registration with that state for secondary sales.

Any person who purchases shares of our common stock from a Selling Stockholder under this registration statement who then wants to sell such shares will also have to comply with Blue Sky laws regarding secondary sales.

When the registration statement becomes effective, and the Selling Stockholders indicate in which state(s) they desire to sell their shares, we will be able to identify whether it will need to register or will rely on an exemption therefrom.

**DISCLOSURE OF SEC POSITION ON**

**INDEMNIFICATION FOR SECURITIES ACT LIABILITIES**

As permitted by the Delaware general corporation law, we have included a provision in our certificate of incorporation to eliminate the personal liability of our directors for monetary damages for breach of their fiduciary duties as directors, except for liability (i) for any breach of the director’s duty of loyalty to our company, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under section 174 of the Delaware general corporation law or (iv) for any transaction from which the director derived an improper personal benefit. Our certificate of incorporation also provides that our company shall, to the full extent permitted by section 145 of the Delaware general corporation law, as amended from time to time, indemnify all persons whom it may indemnify pursuant thereto.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to the directors, officers or persons controlling the registrant pursuant to the foregoing provisions, the registrant has been informed that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the

Securities Act and is therefore unenforceable.

In the event that a claim for indemnification against such liabilities (other than the payment by our company of expenses incurred or paid by such director, officer or controlling person of our company in the successful defense of any action, suit or proceeding) is asserted by any director, officer or controlling person of our company in connection with the securities being registered in the registration statement of which this prospectus is a part, the registrant will, unless in the opinion of counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by our company is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## **LEGAL OPINION**

The validity of the shares covered by the registration statement of which this prospectus is a part has been passed upon for us by Wilson & Oskam, LLP.

## **EXPERTS**

The financial statements included in this prospectus for the years ended December 31, 2016 and 2015 have been audited by Haskell & White LLP, an independent registered public accounting firm, to the extent and for the periods set forth in their report appearing elsewhere herein (which expressed an unqualified opinion and includes an explanatory paragraph referring to conditions that raise substantial doubt about BioLargo, Inc. and subsidiaries ability to continue as a going concern) and are included in reliance upon such report given upon the authority of said firm as experts in auditing and accounting.

## **ADDITIONAL INFORMATION**

We are subject to the reporting requirements of the Securities Exchange Act of 1934, as amended, and file reports, proxy statements and other information with the SEC. These reports, proxy statements and other information may be inspected and copied at the public reference facilities maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549 and at the SEC's regional offices located at the Northwestern Atrium Center, 500 West Madison Street, Suite 1400, Chicago, Illinois 60661 and 233 Broadway, New York, New York 10279. You can obtain copies of these materials from the Public Reference Section of the SEC upon payment of fees prescribed by the SEC. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC's Web site contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of that site is <http://www.sec.gov>.





Table of Contents

We have filed a registration statement on Form S-1 with the SEC under the Securities Act of 1933, as amended, with respect to the securities offered in this prospectus. This prospectus, which is filed as part of a registration statement, does not contain all of the information set forth in the registration statement, some portions of which have been omitted in accordance with the SEC's rules and regulations. Statements made in this prospectus as to the contents of any contract, agreement or other document referred to in this prospectus are not necessarily complete and are qualified in their entirety by reference to each such contract, agreement or other document that is filed as an exhibit to the registration statement. The registration statement may be inspected without charge at the public reference facilities maintained by the SEC, and copies of such materials can be obtained from the Public Reference Section of the SEC at prescribed rates. You may obtain additional information regarding our company on our website, located at [www.BioLargo.com](http://www.BioLargo.com).

Table of Contents

**INDEX TO FINANCIAL STATEMENTS**

*Financial statements of BioLargo, Inc.*

<u>Report of Independent Registered Public Accounting Firm</u>	F-1
<u>Consolidated Balance Sheets as of December 31, 2015 and December 31, 2016</u>	F-2
<u>Consolidated Statements of Operations for the years ended December 31, 2015 and 2016</u>	F-3
<u>Consolidated Statements of Stockholders' Equity (Deficit) for the years ended December 31, 2015 and 2016</u>	F-4
<u>Consolidated Statements of Cash Flows for the years ended December 31, 2015 and 2016</u>	F-5
<u>Notes to Consolidated Financial Statements</u>	F-6 – F-23

Table of Contents

**Report of Independent Registered Public Accounting Firm**

To the Board of Directors and Stockholders

BioLargo, Inc. and Subsidiaries

We have audited the accompanying consolidated balance sheets of BioLargo, Inc. and Subsidiaries (the “Company”) as of December 31, 2015 and 2016, and the related consolidated statements of operations, stockholders’ equity (deficit), and cash flows for each of the years ended December 31, 2015 and 2016. These financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of BioLargo, Inc. and Subsidiaries as of December 31, 2015 and 2016, and the consolidated results of its operations and its cash flows for each of the years ended December 31, 2015 and 2016, in conformity with accounting principles generally accepted in the United States of America.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 1 to the consolidated financial statements, the Company has incurred recurring losses, negative cash flows from operations and has limited capital resources, and a net stockholders’ deficit. These matters raise substantial doubt about the Company’s ability to continue as a going concern. Management’s plans in regard to these matters are also described in Note 1. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

/S/HASKELL & WHITE LLP

Irvine, California

March 30, 2017

F-1

---

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****CONSOLIDATED BALANCE SHEETS****AS OF DECEMBER 31, 2015 AND DECEMBER 31, 2016**

	<b>DECEMBER 31, 2015</b>	<b>DECEMBER 31, 2016</b>
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 1,763,114	\$ 1,910,153
Accounts receivable	41,431	67,994
Inventories	37,435	34,446
Prepaid expenses and other current assets	49,167	4,089
Total current assets	1,891,147	2,016,682
Equipment, net of depreciation	—	59,315
Other non-current assets, net of amortization	19,157	36,729
Total assets	\$ 1,910,304	\$ 2,112,726
<b>Liabilities and stockholders' equity (deficit)</b>		
Current liabilities:		
Accounts payable and accrued expenses	\$ 324,983	\$ 200,103
Accrued officer bonus	—	80,000
Convertible notes payable	—	560,000
Discount on convertible notes payable, net of amortization	—	(398,910 )
Derivative warrant liability	—	663,560
Line of credit	—	50,000
Deposits	135,000	—
Total current liabilities	459,983	1,154,753
Long-term liabilities:		
Convertible notes payable	3,245,972	5,250,668
Discount on convertible notes payable and line of credit, net of amortization	(2,937,019 )	(3,522,497 )
Total liabilities	768,936	2,882,924
<b>COMMITMENTS, CONTINGENCIES (Note 9)</b>		
<b>STOCKHOLDERS' EQUITY (DEFICIT):</b>		
Preferred Series A, \$.00067 Par Value, 50,000,000 Shares Authorized, -0- Shares Issued and Outstanding, at December 31, 2015 and December 31, 2016, respectively.	—	—
Common stock, \$.00067 Par Value, 200,000,000 Shares Authorized, 85,648,015 and 92,975,970 Shares Issued, at December 31, 2015 and December 31, 2016, respectively.	57,236	62,179

Edgar Filing: BIOLARGO, INC. - Form S-1/A

Additional paid-in capital	84,410,821	90,609,774
Accumulated other comprehensive loss	(40,567 )	(81,694 )
Accumulated deficit	(84,075,695 )	(91,915,426 )
Total Biolargo Inc. and Subsidiaries stockholders' equity (deficit)	351,795	(1,325,167 )
Non-controlling interest (Note 8)	789,573	554,969
Total stockholders' equity (deficit)	1,141,368	(770,198 )
Total liabilities and stockholders' equity	\$ 1,910,304	\$ 2,112,726

*See accompanying notes to unaudited consolidated financial statements and report of Independent Registered Public Accounting Firm.*

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF OPERATIONS****FOR THE YEARS ENDED DECEMBER 31, 2015 AND 2016**

	<b>DECEMBER 31, 2015</b>	<b>DECEMBER 31, 2016</b>
Revenue		
Product revenue	\$ 127,582	\$ 226,106
License revenue	—	55,000
Total revenue	127,582	281,106
Cost of revenue	(62,067 )	(105,877 )
Gross profit	65,515	175,229
Selling, general and administrative expenses	3,551,522	3,714,398
Research and development	684,554	1,381,956
Depreciation and amortization	10,920	13,736
Operating loss	(4,181,481 )	(4,934,861 )
Other (expense) income:		
Grant income	99,122	161,430
Interest expense	(994,671 )	(3,129,104 )
Change in derivative liability	—	(171,800 )
Total Other (expense) income	(895,549 )	(3,139,474 )
Net loss	(5,077,030 )	(8,074,335 )
Net loss attributable to noncontrolling interest	(21,054 )	(234,604 )
Net loss attributable to common stockholders	\$ (5,055,976 )	\$ (7,839,731 )
Net loss per share attributable to common stockholders:		
Loss per share attributable to stockholders – basic and diluted	\$ (0.06 )	\$ (0.09 )
Weighted average number of common shares outstanding:	84,112,356	87,936,783
Comprehensive loss attributable to common stockholders		
Net loss	\$ (5,077,030 )	\$ (8,074,335 )
Foreign translation adjustment	(40,567 )	(41,127 )
Comprehensive loss	(5,117,597 )	(8,115,462 )

Comprehensive loss attributable to noncontrolling interest	(21,054 )	(234,604 )
Comprehensive loss attributable to stockholders	\$(5,096,543 )	\$(7,880,858 )

*See accompanying notes to unaudited consolidated financial statements and report of Independent Registered Public Accounting Firm.*

F-3

---



Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****CONSOLIDATED STATEMENT OF STOCKHOLDERS' EQUITY (DEFICIT) FOR THE YEARS ENDED  
DECEMBER 31, 2015 AND 2016**

	Common stock		Additional paid-in capital	Accumulated deficit	Accumulated other comprehensive loss	Non- controlling interest	Total stockholders' equity (deficit)
	Shares	Amount					
Balance, December 31, 2014	82,909,300	\$55,293	\$78,511,529	\$(79,019,719)	\$ —	\$60,627	\$(392,270)
Issuance of stock in exchange for Clyra shares	1,640,000	1,099	(1,099)	—	—	—	—
Conversion of equity to notes payable	(530,000)	(355)	(211,662)	—	—	—	(212,017)
Issuance of common stock to vendors and interest to note holders	631,643	530	359,834	—	—	—	360,364
Conversion of 2015 Unit offering notes into shares of common stock	258,236	173	64,386	—	—	—	64,559
Issuance of common stock to vendors and interest to Officers	738,837	496	309,479	—	—	—	309,975
Stock option compensation expense	—	—	1,831,313	—	—	—	1,831,313
Warrants and conversion feature issued as discount on convertible notes payable	—	—	3,474,721	—	—	—	3,474,721
Fair value of warrants issued as fees for convertible notes payable	—	—	72,320	—	—	—	72,320
	—	—	—	—	—	750,000	750,000

Investment into Clyra Medical Technologies							
Net loss	—	—	—	(5,055,976 )	—	(21,054 )	(5,077,030 )
Foreign currency translation	—	—	—	—	(40,567 )	—	(40,567 )
Balance, December 31, 2015	85,648,015	\$57,236	\$84,410,821	\$(84,075,695 )	\$ (40,567 )	\$ 789,573	\$ 1,141,368
Issuance of common stock to vendors and interest to note holders	2,342,264	1,599	991,479	—	—	—	993,078
Conversion of 2015 Unit offering notes into shares of common stock	2,167,420	1,452	587,919	—	—	—	589,371
Exercise of warrants	2,818,271	1,892	862,117	—	—	—	864,009
Stock option compensation expense	—	—	751,113	—	—	—	751,113
Warrants and conversion feature issued as discount on convertible notes payable and line of credit	—	—	3,006,325	—	—	—	3,006,325
Net loss	—	—	—	(7,839,731 )	—	(234,604 )	(8,074,335 )
Foreign currency translation	—	—	—	—	(41,127 )	—	(41,127 )
Balance, DECEMBER 31, 2016	92,975,970	\$62,179	\$90,609,774	\$(91,915,426 )	\$ (81,694 )	\$ 554,969	\$(770,198 )

*See accompanying notes to unaudited consolidated financial statements and report of Independent Registered Public Accounting Firm.*

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED DECEMBER 31, 2015 AND 2016**

	<b>DECEMBER 31, 2015</b>	<b>DECEMBER 31, 2016</b>
Cash flows from operating activities		
Net loss	\$ (5,077,030 )	\$ (8,074,335 )
Adjustments to reconcile net loss to net cash used in operating activities:		
Stock option compensation expense	1,831,313	751,113
Common stock issued for interest and in lieu of salary to officers and fees for services from consultants and officers and board of directors	670,339	993,078
Interest expense related to amortization of the discount on convertible notes payable and line of credit and deferred financing costs	808,572	2,610,764
Change in fair value of derivative warrant liability	—	171,800
Amortization and depreciation expense	10,920	15,887
Changes in assets and liabilities:		
Accounts receivable	(35,814 )	(26,563 )
Inventories	(11,921 )	2,989
Accounts payable and accrued expenses	(110,554 )	(124,880 )
Accrued officer bonus	—	80,000
Deposits	35,000	(135,000 )
Prepaid expenses and other assets	(4,167 )	14,235
Net cash used in operating activities	(1,883,342 )	(3,720,912 )
Cash flows from investing activities		
Equipment purchases	—	(61,931 )
Net cash used in investing activities	—	(61,931 )
Cash flows from financing activities		
Proceeds from convertible notes payable	2,804,713	2,307,000
Proceeds from the sale of stock in majority-owned subsidiary	750,000	—
Proceeds from notes payable	—	500,000
Proceeds from line of credit	—	300,000
Proceeds from warrant exercise	—	864,009
Payment of financing costs	(22,150 )	—
Net cash provided by financing activities	3,532,563	3,971,009
Net effect of foreign currency translation	(40,567 )	(41,127 )
Net change in cash	1,608,654	147,039
Cash at beginning of year	154,460	1,763,114

Cash at end of period	\$ 1,763,114	\$ 1,910,153
Supplemental disclosures of cash flow information		
Cash paid during the period for:		
Interest	\$ 9,855	\$ —
Income taxes	\$ 4,000	\$ 7,681
Non-cash investing and financing activities		
Fair value of warrants issued in conjunction with convertible notes and letter of credit	\$ 3,474,721	\$ 3,006,325
Fair value of warrants issued for financing fees	\$ 72,320	\$ —
Conversion of convertible notes payable into common stock	\$ 276,576	\$ 589,371
Conversion of lines of credit into convertible notes payable	\$ —	\$ 250,000

*See accompanying notes to unaudited consolidated financial statements and report of Independent Registered Public Accounting Firm*

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**Note 1. Business and Organization**

**Outlook**

The accompanying consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the settlement of liabilities and commitments in the normal course of our business. For the year ended December 31, 2016, we had a net loss of \$8,074,335, and, at December 31, 2016, we had working capital of \$861,929, current assets of \$2,016,682, various debt obligations in principal amount of \$5,860,668, an accumulated deficit of \$91,915,426, and a net stockholders' deficiency. The foregoing factors raise substantial doubt about our ability to continue as a going concern. Ultimately, our ability to continue as a going concern is dependent upon our ability to attract significant new sources of capital, attain a reasonable threshold of operating efficiencies and achieve profitable operations by licensing or otherwise commercializing products incorporating our BioLargo technology. These consolidated financial statements do not include any adjustments that might be necessary if we are unable to continue as a going concern.

We have been, and anticipate that we will continue to be, limited in terms of our capital resources. Our total cash and cash equivalents were \$1,910,153 at December 31, 2016. During the year ended December 31, 2016, we received \$3,971,009 net proceeds from our private securities offerings, including the exercise of warrants issued in prior offerings. We generated revenues of \$281,106 in the year ended December 31, 2016. Although this was an increase over the prior year, it was not sufficient to fund our operations. We do not expect our operations will generate enough revenue to fund our operations in 2017. We believe our cash position is sufficient to maintain our current level of operations and research/development, we will be required to raise substantial additional capital to expand our operations and fund our future business plans.

**Organization**

We were initially organized under the laws of the State of Florida in 1989, and in 1991 merged into a Delaware corporation. We operate six wholly-owned subsidiaries: BioLargo Life Technologies, Inc., organized under the laws of the State of California in 2006, Odor-No-More, Inc., organized under the laws of the State of California in 2009,

BioLargo Water USA, Inc., organized under the laws of the State of California in 2013, BioLargo Water, Inc., organized under the laws of Canada in 2014, BioLargo Maritime Solutions, Inc., organized under the laws of the State of California in 2016, and BioLargo Development Corp., organized under the laws of the State of California in 2016. Additionally, we are majority owner of Clyra Medical Technologies, Inc., organized under the laws of the State of California in 2012 (see Note 9).

### **Business Overview**

We feature three patent protected platform technologies with diverse product opportunities across multiple industries –AOS, CupriDyne, and Isan. Each features the use of the all-natural iodine molecule. While they all use iodine, they are quite different in terms of the methods by which they exploit the use of iodine, the form and composition of iodine used, and therefore their function and value proposition can be quite different for each commercial application.

### **Note 2. Summary of Significant Accounting Policies**

In the opinion of management, the accompanying balance sheets and related statements of operations, cash flows, and stockholders' deficit include all adjustments, consisting only of normal recurring items, necessary for their fair presentation in conformity with accounting principles generally accepted in the United States of America.

### **Principles of Consolidation**

The consolidated financial statements include the accounts of the Company and its majority owned subsidiaries. All intercompany accounts and transactions have been eliminated.

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**Foreign Currency**

The Company has designated the functional currency of Biolargo Water, Inc., our Canadian subsidiary, to be the Canadian dollar. Therefore, transaction gains and losses resulting from differences in exchange rates are recorded in accumulated other comprehensive income.

**Cash and Cash Equivalents**

We consider all highly liquid investments with original maturities of three months or less or money market funds from substantial financial institutions to be cash equivalents. We place substantially all of our cash and cash equivalents with one financial institution. As of December 31, 2016, our cash deposits were greater than the Federal Deposit Insurance Corporation insurance limit of \$250,000 per owner. From time to time during the year we are exposed to credit loss for amounts in excess of insured limits in the event of non-performance by the institution, however, we do not anticipate non-performance.

**Accounts Receivable**

Trade accounts receivable are recorded net of allowances for doubtful accounts. Estimates for allowances for doubtful accounts are determined based on payment history and individual customer circumstances. The allowance for doubtful accounts was \$3,818 at December 31, 2015 and \$0 at December 31, 2016.

**Inventory**

Inventories are stated at the lower of cost or net realizable value using the average cost method. Inventories consisted of:

	<b>DECEMBER 31, 2015</b>	<b>DECEMBER 31, 2016</b>
Raw material	\$ 12,162	\$ 14,555
Finished goods	25,273	19,891
Total	\$ 37,435	\$ 34,446

**Other Assets**

Other Assets consists of payments made to purchase patents related to our efforts in commercializing the Isan system and a security deposit of \$27,467 related to our business offices.

For each of the years ended December 31, 2015 and 2016 we recorded amortization expense totaling \$10,920.

Long-lived and definite lived intangible assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. If the sum of the expected future undiscounted cash flows from the use of the asset and its eventual disposition is less than the carrying amount of the asset, then an impairment loss is recognized. The impairment loss is measured based on the fair value of the asset. Any resulting impairment is recorded as a reduction in the carrying value of the related asset in excess of fair value and a charge to operating results. For the years ended December 31, 2015 and 2016, management determined that there was no impairment of its long-lived assets.



Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**Earnings (Loss) Per Share**

We report basic and diluted earnings (loss) per share (“EPS”) for common and common share equivalents. Basic EPS is computed by dividing reported earnings by the weighted average shares outstanding. Diluted EPS is computed by adding to the weighted average shares the dilutive effect if stock options and warrants were exercised into common stock. For the years ended December 31, 2015 and 2016, the denominator in the diluted EPS computation is the same as the denominator for basic EPS due to the anti-dilutive effect of the warrants and stock options on the Company’s net loss.

**Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and revenues and expenses during the period reported. Actual results could differ from those estimates. Estimates are used when accounting for stock-based transactions, debt transactions, derivative liabilities, allowance for bad debt, asset depreciation and amortization, and payroll taxes, among others.

The methods, estimates and judgments we use in applying these most critical accounting policies have a significant impact on the results of our financial statements.

**Share-based Payments**

For stock and stock options issued to consultants and other non-employees for services, the Company measures and records an expense as of the earlier of the date at which either: a commitment for performance by the non-employee has been reached or the non-employee’s performance is complete. The equity instruments are measured at the current fair value, and for stock options, the instruments are measured at fair value using the Black Scholes options model.

For equity instruments issued and outstanding where performance is not complete, but the instrument has been recorded, those instruments are measured again at their then current fair market values at each of the reporting dates (they are “marked-to market”) until the performance and the contract are complete.

### **Non-Cash Transactions**

We have established a policy relative to the methodology to determine the value assigned to each intangible we acquire, and/or services or products received for non-cash consideration of our common stock. The value is based on the market price of our common stock issued as consideration, at the date of the agreement of each transaction or when the service is rendered or product is received.

### **Revenue Recognition**

Revenues are recognized as risk and title to products transfers to the customer (which generally occurs at the time shipment is made), the sales price is fixed or determinable, and collectability is reasonably assured. Although we don't have a history of returns, we guarantee satisfaction of many of our products and would accept returns if requested by our customer. We also may generate revenues from royalties and license fees from our intellectual property. Licensees typically pay a license fee in one or more installments and ongoing royalties based on their sales of products incorporating or using our licensed intellectual property. License fees are recognized over the estimated period of future benefit to the average licensee.

### **Income Taxes**

The asset and liability approach is used to recognize deferred tax assets and liabilities for the expected future tax consequences of temporary differences between the carrying amounts and the tax bases of asset and liabilities. Deferred tax assets and liabilities are determined based on the differences between financial reporting and tax bases of assets and liabilities and are measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse. The effect on deferred tax asset and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

We account for uncertainties in income tax law under a comprehensive model for the financial statement recognition, measurement, presentation and disclosure of uncertain tax positions taken or expected to be taken in income tax returns as prescribed by generally accepted accounting principles (“GAAP”). Under GAAP, the tax effects of a position are recognized only if it is “more-likely-than-not” to be sustained by the taxing authority as of the reporting date. If the tax position is not considered “more-likely-than-not” to be sustained, then no benefits of the position are recognized.

***Fair Value of Financial Instruments***

Management believes the carrying amounts of the Company's financial instruments as of December 31, 2015 and 2016 approximate their respective fair values because of the short-term nature of these instruments. Such instruments consist of cash, accounts receivable, prepaid assets, accounts payable, lines of credit, and other assets and liabilities.

***Government Grants***

We have been awarded grants from the Canadian National Research Institute – Industrial Research Assistance Program (NRC-IRAP) and the National Science and Engineering Research Council of Canada (NSERC). The government grants received are considered other income and are included in our consolidated statements of operations. We received our first grant in 2015 and have been awarded over 30 grants totaling approximately \$1,100,000. Some of the funds from these grants are given directly to third parties (such as the University of Alberta) to support research on our technology. The grants have terms generally ranging between six and eighteen months and support a majority, but not all of the related research budget costs. This cooperative research allows us to utilize (i) a depth of resources and talent to accomplish highly skilled work, (ii) financial aid to support research and development costs, (iii) independent and credible validation of our technical claims.

The grants provide for (i) recurring monthly amounts and (ii) reimbursement of costs for research talent for which we invoice to request payment and (iii) ancillary cost reimbursement for research talent travel related costs. All awarded grants have specific requirements on how the money is spent, typically to employ researchers. None of the funds may be used for general administrative expenses or overhead in the United States. These grants have substantially increased our level of research and development activities in Canada. We continue to apply for Canadian government and agency grants to fund research and development activities. Not all of our grant applications have been awarded, and no assurance can be made that any pending grant application, or any future grant applications, will be awarded.

**Recent Accounting Pronouncements**

In February 2016, the FASB issued ASU 2016-02, "*Leases (Topic 842)*," which will require lessees to recognize almost all leases on their balance sheet as a right-of-use asset and a lease liability. For income statement purposes, the FASB retained a dual model, requiring leases to be classified as either operating or finance. Classification will be based on criteria that are largely similar to those applied in current lease accounting, but without explicit bright lines. Lessor accounting is similar to the current model, but updated to align with certain changes to the lessee model and the new revenue recognition standard. This ASU is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. The Company has evaluated the impact of the standard and believes that it will not materially affect the financial statements and related disclosures.

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

In March 2016, the FASB issued ASU 2016-09, *Compensation—Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting*. The amendments in this update change existing guidance related to accounting for employee share-based payments affecting the income tax consequences of awards, classification of awards as equity or liabilities, and classification on the statement of cash flows. ASU 2016-09 is effective for annual reporting periods beginning after December 15, 2016, including interim periods within those annual periods, with early adoption permitted. The Company is currently evaluating the potential impact of the adoption of this standard.

In April 2016, the FASB issued ASU 2016-10, “Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing”. The update provides guidance on identifying performance obligations and licensing:

1. Identifying Performance Obligations:

- a. When identifying performance obligations, whether it is necessary to assess whether promised goods or services are performance obligations if they are immaterial in the context of the contract.
- b. Determining whether promised goods and services are separately identifiable (that is, distinct within the context of the contract)
- c. Determining whether shipping and handling activities are a promised service in a contract or are activities to fulfill an entity’s other promises in the contract.

2. Licensing:

- a. Determining whether the nature of an entity’s promise in granting a license is to provide a right to access the entity’s intellectual property, which is satisfied over time and for which revenue is recognized over time, or to provide a right to use the entity’s intellectual property, which is satisfied at a point in time and for which revenue is recognized at a point in time.

- b. The scope and applicability of the guidance about when to recognize revenue for sales-based or usage-based royalties promised in exchange for a license of intellectual property

- c. Distinguishing contractual provisions that require an entity to transfer additional licenses (that is, rights to use or access intellectual property) to a customer from contractual provisions that define the 2 attributes of a promised license (for example, restrictions of time, geographical region, or use).

The amendments in this Update affect the guidance in Accounting Standards Update 2014-09, *Revenue from Contracts with Customers (Topic 606)*, which we are required to apply for annual periods beginning after December 15, 2017. Although management is still evaluating the potential impact of the adoption of this standard, its preliminary analysis is that the new guidelines will not substantially impact our revenue presentation.

In April 2015, the FASB issued ASU 2015-03, “Interest – Imputation of Interest (Subtopic 835-30)”. The update gives guidance as to the treatment of debt issuance costs, which requires entities to present debt issuance costs to a

recognized debt liability as a direct deduction from the carrying amount of that debt liability, consistent with debt discounts. The Company has adopted this update and believes it does not have a material affect the financial statements and related disclosures.

### **Note 3. Deposits**

#### **Licensing Revenue**

In 2012, we executed a joint venture agreement with Peter Holdings Pty. Ltd., the principal developer of the Isan System, whereby we jointly purchased the intellectual property associated with the Isan System, and agreed to share any royalties from any licensing revenue generated from the Isan System on an equal 50/50 basis.

In February 2014, we received a deposit of \$100,000 from InsulTech Manufacturing, LLC, an Arizona limited liability company d/b/a Clarion Water (“Clarion Water”) towards a worldwide, exclusive license of the Isan System. On August 12, 2014, we entered into a license agreement with Clarion Water in which we granted an exclusive license to commercialize the Isan System for a term expiring the latter of 10 years or upon the expiration of the licensed patents. The license agreement provides that the \$100,000 deposit is non-refundable, and is to be credited to future payments of royalties or sublicense fees due under the license agreement. The agreement further provides for a 10% royalty of licensee’s “net sales revenue”, and 40% of sublicensing fees. The Licensee was required to make minimum payments beginning July 1, 2016, of \$50,000 per quarter to maintain exclusivity and as of July 1 and December 31, 2016, the Licensee is not making this payment and has relinquished exclusivity rights. The intellectual property subject to the license agreement includes all intellectual property related to the Isan System, including all patents, trademarks, proprietary knowledge, and other similar know-how or rights relating to or arising out of the Isan System or the patents related to the Isan System. The agreement contains other terms and conditions typically found in intellectual property license agreements. Clarion Water’s work to commercialize the Isan System continues. (See Part I, Item 2, “Our Business – Clarion Water”.)

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

We are obligated to share any revenues under the agreement on an equal basis with Peter Holdings Pty. Ltd. On July 1, 2016, per the terms of the agreement the \$100,000 deposit received in 2014 was recorded to Royalty revenue, offset by the \$45,000 share paid to Peter Holdings Pty. Ltd.

**Investor Deposit**

On December 18, 2015, we received \$35,000 from a potential investor in our 2015 Unit Offering (see Note 4). We did not receive a subscription agreement from that individual until after December 31, 2015, and thus we recorded this amount as a deposit until we received the executed documents and formally accepted the investment in 2016.

**Note 4. Debt Obligations**

The following table summarizes our debt obligations outstanding as of the dates indicated:

	<b>DECEMBER 31, 2015</b>	<b>DECEMBER 31, 2016</b>
Convertible notes, mature June 1, 2018	\$ 3,245,972	\$ 4,800,097
Convertible notes, mature September 17, 2019	—	283,571
Convertible notes, mature July 8, 2017	—	280,000
Convertible notes, mature December 30, 2017	—	280,000
Convertible notes, mature December 31, 2019	—	167,000
Line of credit, matures December 1, 2017	—	50,000
Total	\$ 3,245,972	\$ 5,860,668

The Unit Offerings of a convertible promissory note and a Series A stock purchase warrant are accounted for under the fair value and relative fair value method.

The warrant is first analyzed per its terms as to whether it has derivative features or not. If the warrant is determined to be a derivative, then it is measured at fair value using the Black Scholes Option Model, and recorded as a liability on the balance sheet. The warrant is measured again at its then current fair value at each subsequent reporting dates (it is “marked-to-market”).

If the warrant is determined to not have derivative features, it is recorded into equity at its fair value using the Black Scholes option model, however, limited to a relative fair value based upon the percentage of its fair value to the total fair value including the fair value of the convertible note.

The convertible note is recorded at its fair value, limited to a relative fair value based upon the percentage of its fair value to the total fair value including the fair value of the warrant. Further, the convertible promissory note is examined for any intrinsic beneficial conversion feature (“BCF”) of which the convertible price of the note is less than the closing stock price on date of issuance. If the relative fair value method is used to value the convertible promissory note and there is an intrinsic BCF, a further analysis is undertaken of the BCF using an effective conversion price which assumes the conversion price is the relative fair value divided by the number of shares the convertible debt is converted into by its terms. The adjusted BCF value is accounted for as equity.

The warrant and BCF fair values are also recorded as a discount to the convertible promissory notes. As present, these equity features of the convertible promissory notes have recorded a discount to the convertible notes that is substantially equal to the proceeds received.

For the years ended December 31, 2015 and 2016 we recorded \$994,671 and \$3,129,104 of interest expense related to the amortization of the discount on our convertible notes payable, and interest expense related to our outstanding convertible promissory notes and line of credit.

### **Convertible Notes, mature June 1, 2018**

#### ***2015 Unit Offering***

On January 15, 2015, we commenced a private securities offering of “units”, each Unit consisting of a convertible promissory note and Series A stock purchase warrant (“2015 Unit Offering”), which was closed on September 16, 2016. The price and availability of the Units were set forth in five “Pricing Supplements” issued from time-to-time. Each note issued is convertible into the Company’s common stock at the Unit price set forth in the particular pricing supplement, and matures June 1, 2018. Because more than \$3,000,000 was invested, we are obligated to register the common shares underlying the notes and warrants (“Shares”) with the Securities and Exchange Commission.



Interest due will be paid quarterly in arrears in cash or shares of common stock; all interest due thus far has been paid in shares of common stock. If paid by the issuance of common stock, interest is paid at a conversion price equal to the average closing price of the Company's common stock over the 20 trading days prior to the interest payment due date. The principal amount of the note may be paid by the issuance of shares of common stock, or cash, upon maturity at the Company's election. When paid in shares, the number of shares to be issued shall be calculated by dividing the principal amount invested by the Unit price, as it is established at the time of the original investment by the applicable Pricing Supplement. The notes may be converted at any time by the investor, at maturity by the Company, or by the Company prior to maturity, so long as all of the following conditions are met: (i) the Shares issued as payment are registered with the SEC, (ii) the Company's common stock closes for ten consecutive trading days at or above three times the Unit price.

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

Each investor, for no additional consideration, received a Series A stock purchase warrant. (See Note 6). Each Series A warrant allows for the purchase of the number of common shares equal to the investment amount divided by the Unit price, (e.g., one warrant share for each share of common stock which the investor is eligible to receive through conversion of his original convertible note) and, the warrant will have an exercise price as set forth in the Pricing Supplement. Each Series A warrant expires June 1, 2020. The Company may “call” the Series A warrant, requiring the investor to exercise the warrant within 30 days or forever lose the rights to do so, only if the following conditions have been met: (i) the underlying Shares are registered with the SEC, and (ii) the Company’s common stock closes for ten consecutive trading days at or above two times the exercise price.

In total, we issued five pricing supplements setting forth the conversion price of the note, as well as the warrant price, as follows (numbers in table reflect total investments for each pricing supplement since inception of offering through the termination of the offering):

<b>Pricing Supplement</b>	<b>Conversion Price</b>	<b>Warrant Exercise Price</b>	<b>Aggregate Investments</b>
No. 1	\$ 0.25	\$ 0.40	\$ 460,000
No. 2	\$ 0.25	\$ 0.40	1,100,000
No. 3	\$ 0.35	\$ 0.45	1,546,713
No. 4	\$ 0.35	\$ 0.45	550,000
No. 5	\$ 0.55	\$ 0.70	1,155,000
			\$ 4,811,713

The closing stock price on December 30, 2016 (the last trading day of the year) was \$0.83 per share.

During the year ended December 31, 2016, we received \$2,140,000 and issued unsecured convertible promissory notes with maturity dates of June 1, 2018, which accrue interest at a rate of 12% per annum, and are convertible at the Unit price set forth in the investor’s subscription agreement. Of this amount, notes in the face amount of \$985,000 were issued at a Unit price of \$0.35, and \$1,155,000 at a Unit price of \$0.55. Each investor, for no additional consideration, received a Series A stock purchase warrant. (See Note 6.)

During the year ended December 31, 2015, we received \$2,671,713 and issued unsecured convertible promissory notes with maturity dates of June 1, 2018, which accrue interest at a rate of 12% per annum, and are convertible at the Unit price set forth in the investor's subscription agreement. Of this amount, notes in the face amount of \$1,535,000 were issued at a Unit price of \$0.25, and \$1,136,713 at a Unit price of \$0.35. Each investor, for no additional consideration, received a Series A stock purchase warrant. (See Note 6.)

During the year ended December 31, 2016, investors elected to convert an aggregate \$589,371 principal amount promissory notes issued in our 2015 Unit Offering into 2,167,420 shares of our common stock (see Note 5, "Common Stock"). As of December 31, 2016, \$4,140,213 of these notes remain outstanding.

### *December/January Notes*

In January 2015, we received \$133,000 and issued unsecured convertible promissory notes each with a one-year maturity date, which accrue interest at a rate of 12% per annum. Each noteholder, for no additional consideration, received a stock purchase warrant exercisable at \$0.30 per share, which expires January 2018. (See Note 6).

The funds received as part of our December/January Notes totaled \$333,000. During the year ended December 31, 2015, these investors converted their investments, including principal and interest in the aggregate amount of \$383,913, into convertible promissory notes on the same terms and notes issued in the 2015 Unit Offering, convertible at \$0.25 per share, maturing June 1, 2018. Additionally, the investors received a Series A stock purchase warrant to purchase 1,909,301 shares of our common stock at an exercise price of \$0.40 per share. (See Note 6).

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

***Summer 2014 Offering Conversions***

During 2015, investors included in our Summer 2014 Offering exercised their right to convert their equity investment into the 2015 Unit Offering. In exchange for a note and warrant on the terms offered in our 2015 Unit Offering (see above), we agreed to cancel 530,000 shares of our common stock issued as part of the Summer 2014 Offering, such that the original equity investment \$212,000 was cancelled and we issued new convertible promissory notes totaling \$212,000 with an expiration date of June 1, 2018.

***\$50,000 Line of Credit***

On November 19, 2013, we received \$50,000 pursuant to a line of credit which accrues interest at a rate of 24%. We have pledged our inventory and accounts receivable as collateral. The maturity date of the line of credit was May 15, 2016.

In September 2015, this line of credit, plus outstanding interest, was converted to a convertible promissory note in the principal amount of \$58,530, and a Series A stock purchase warrant on the same terms as our 2015 Unit Offering, such that the note matures on June 1, 2018, and converts at a price of \$0.25 per share, and the warrant allows the purchase of up to 234,120 shares at \$0.40 per share.

***One-Year Convertible Notes, mature July 8, 2017 and December 30, 2017***

On December 30, 2016, we received \$250,000 and issued convertible promissory notes (convertible at \$0.57 per share) with a maturity date of December 30, 2017 to two accredited investors, in the aggregate principal amount of \$280,000. Interest is charged upon issuance at 3% per annum. We issued these investors stock purchase warrants to purchase an aggregate 400,000 shares of our common stock exercisable at \$0.75 per share, which expire five years from the date of grant. We are required to include the shares underlying the warrants in any registration statement (piggy back registration rights) subsequent to the Form S-1 filed January 24, 2017. Additionally, the exercise price of the stock purchase warrant may be adjusted downward in the event we sell our common stock or issue warrants at a lower price. Thus, the warrants are presented as a derivative liability on our balance sheet. The fair value of these

warrants was \$331,760 at issuance, and this amount was recorded as a derivative liability. The remaining \$280,000 was recorded as a debt discount.

On July 8, 2016, we received \$250,000 and issued convertible promissory notes (convertible at \$0.45 per share) with a maturity date of July 8, 2017 to two accredited investors' in the aggregate principal amount of \$280,000. Interest is charged upon issuance at 3% per annum. We issued these investors stock purchase warrants to purchase an aggregate 400,000 shares of our common stock exercisable at \$0.65 per share, which expire five years from the date of grant. We are required to include the shares underlying the warrants in any subsequent registration statement (piggy back registration rights). Additionally, the exercise price of the stock purchase warrant may be adjusted downward in the event we sell our common stock or issue warrants at a lower price, other than through our 2015 Unit Offering. Thus, the warrants are presented as a derivative liability on our balance sheet. The fair value of these warrants was \$160,000 at issuance, and this amount was recorded as a derivative liability. The remaining \$120,000 was recorded as a debt discount for the beneficial conversion feature embedded in the debt instrument. On December 31, 2016 we again calculated the fair value of the warrants, resulting in a change in the derivative liability of \$171,800 and a total derivative liability of \$331,800.

**Line of Credit, matures December 1, 2017**

On June 6, 2016, we received \$300,000 pursuant to a line of credit, accruing interest at a rate of 18% per annum, for which we have pledged our inventory and accounts receivable as collateral. The line of credit may be repaid following nine-months from the date of issuance or at the maturity date December 1, 2017.

Each investor, for no additional consideration, received a warrant to purchase our common stock. (See Note 6). The warrant allows for the purchase of the number of common shares equal to the investment amount (e.g., one warrant share for each dollar invested).

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

On September 17, 2016, investors holding \$250,000 of the line of credit converted their line of credit into convertible promissory notes and stock purchase warrants on the same terms and notes issued in the 2015 Unit Offering (see section immediately below). As of December 31, 2016, \$50,000 remains outstanding on this line of credit.

**Convertible Notes, mature September 17, 2019**

On September 17, 2016, investors in the line of credit (see “Line of Credit, matures December 1, 2017, above”) converted \$250,000 plus accrued interest of \$33,571 into convertible promissory notes totaling \$283,571 on the same terms and notes issued in the 2015 Unit Offering, convertible at \$0.55 per share, with the exception that these notes mature September 17, 2019, rather than June 1, 2018. Additionally, the investors received a Series A stock purchase warrant to purchase 515,583 shares of our common stock at an exercise price of \$0.70 per share. (See Note 6).

**Convertible Notes, mature December 31, 2019 – Winter 2016 Unit Offering**

On December 27, 2016, we commenced a private securities offering (titled the “Winter 2016 Unit Offering”) which offered the sale of \$600,000 of “Units,” each Unit consisting of a convertible promissory note and stock purchase warrant. The promissory notes issued to investors were convertible at \$0.57 cents per share, mature December 31, 2019, and bear interest at the rate of 12% per annum on the amount invested. Any interest due will be paid quarterly in arrears in cash or shares of common stock. If paid by the issuance of common stock, interest is paid at a conversion price equal to the average closing price of the Company’s common stock over the 20 trading days prior to the interest payment due date. The principal amount of the note may be paid by the issuance of shares of common stock, or cash, upon maturity at the Company’s election.

When paid in shares, the number of shares to be issued shall be calculated by dividing the principal amount invested by the \$0.57 conversion price. Promissory notes may be converted at any time by the investor, at maturity by the Company, or by the Company prior to maturity, so long as the following conditions are met: (i) the Shares issued as payment are registered with the SEC; and (ii) the Company’s common stock closes for ten consecutive trading days at or above three times the Unit price. In addition to the convertible promissory note, each investor received a warrant allowing for the purchase of the number of shares of BioLargo common stock equal to the investment amount divided by \$0.57 (e.g., one warrant share for each share of common stock which the investor is eligible to receive through conversion of his original convertible note). The exercise price of the warrant is \$0.70 per share of common stock and

expire on December 31, 2021.

The Company may “call” the warrants, requiring the investor to exercise their warrants within 30 days or forever lose the rights to do so, only if the following conditions have been met: (i) the underlying Shares are registered with the SEC and (ii) the Company’s common stock closes for 10 consecutive trading days at or above two times the exercise price. The shares underlying the warrants contain “piggy back” registration rights for any registrations subsequent to the Form S-1 filed January 24, 2017. The offering terminated on January 13, 2017 (see Note 10). We received \$167,000 in investments from three accredited investors, and issued warrants to purchase 292,983 shares of our common stock. (See Note 6.)

All of these offerings and sales were made in reliance on the exemption from registration contained in Section 4(2) of the Securities Exchange Act and/or Regulation D promulgated thereunder as not involving a public offering of securities.

#### **Note 5. Stockholders’ Equity**

##### ***Preferred Stock***

Our certificate of incorporation authorizes our Board of Directors to issue preferred stock, from time to time, on such terms and conditions as they shall determine. As of December 31, 2015 and December 31, 2016 there were no outstanding shares of our preferred stock.

Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

***Common Stock***

During the year ended December 31, 2016, we issued 2,342,264 shares of common stock in lieu of cash for fees for service provided by consultants and to settle our accrued interest liability, resulting in an aggregate grant date fair value of \$993,078, which is recorded in selling general and administrative expense and interest expense.

During the year ended December 31, 2015 and 2016, we issued 258,236 and 2,167,420 shares of common stock per the request of noteholders' to convert the principal balance due on promissory notes totaling \$64,559 and \$589,371, respectively.

During the year ended December 31, 2016, we issued 2,818,271 shares of our common stock and in exchange we received proceeds totaling \$864,009 from the exercise of stock purchase warrants. There were no shares issued for the exercise of warrants during 2015.

During the year ended December 31, 2015, we issued 1,370,480 shares of common stock in lieu of cash for fees for service provided by consultants, to settle accrued and unpaid salary to officers and to settle our accrued interest liability, resulting in an aggregate grant date fair value of \$670,339, which is recorded in selling general and administrative expense and interest expense.

Our total capitalization as of December 31, 2016 is:

Description	Shares
Outstanding Common Stock:	92,975,970
Outstanding Options:	30,065,352
Outstanding Warrants:	20,035,114
Subtotal:	143,076,436
Shares issuable upon conversion of Convertible Promissory Notes:	15,063,278
Total*	158,139,714



The total shares issued in the above table of 158,139,714 assumes that all options and warrants are exercised and that all convertible notes are converted to common stock. The total does not take into account future stock issuances related to the payment of interest.

### **Share-Based Compensation**

During the year ended December 31, 2015 and 2016, we recorded an aggregate \$1,831,313 and \$751,113, respectively, in selling general and administrative expense related to the issuance of stock options. We issued options through our 2007 Equity Incentive Plan and outside of our 2007 Equity Incentive Plan.

### **2007 Equity Incentive Plan**

On August 7, 2007, and as amended April 29, 2011, our Board of Directors adopted the BioLargo, Inc. 2007 Equity Incentive Plan (“2007 Plan”) as a means of providing our directors, key employees and consultants additional incentive to provide services. Both stock options and stock grants may be made under this plan. The Board’s Compensation Committee administers this plan. The plan allows grants of common shares or options to purchase common shares. As plan administrator, the Compensation Committee has sole discretion to set the price of the options. The Compensation Committee may at any time amend or terminate the plan. The term of the options may be up to 10 years.

On June 20, 2016, we recorded the issuance of options to purchase an aggregate 40,000 shares of our common stock to the non-employee members of our Board of Directors, pursuant to the terms of the 2007 Equity Plan which calls for an annual automatic issuance. The exercise price of \$0.45 equals the price of our common stock on the grant date. The fair value of these options totaled \$18,000 and was recorded as selling, general and administrative expense.

On March 21, 2016, our Board of Directors extended by five years the expiration of options to purchase 307,777 shares of our common stock issued to our Board of Directors and vendors in March 2011. The options were originally issued in exchange for unpaid obligations and now expire on March 21, 2021. The fair value of the options resulted in additional \$119,971 of selling, general and administrative expenses.

On September 30, 2015, our CFO Charles K. Dargan, II agreed to extend his engagement agreement dated February 1, 2008 (the “Engagement Agreement”, which had been previously extended multiple times), pursuant to which Mr. Dargan has been serving as our Chief Financial Officer. The Engagement Extension Agreement dated as of September 30, 2015 (the “Engagement Extension Agreement”) provides for an additional term to expire September 30, 2016 (the “Extended Term”), is retroactively effective to February 1, 2015. During the Extended Term, Mr. Dargan shall be compensated through the issuance of an option to purchase 300,000 shares of our common stock that vest over the term of the engagement with 120,000 shares vested as of September 30, 2015, and the remaining shares to vest 15,000 monthly, provided that the Engagement Extension Agreement with Mr. Dargan has not been terminated prior to each

vesting date. During the year ended December 31, 2015 and 2016, we recorded \$94,050 and \$76,950 of selling, general and administrative expense. On February 10, 2017, we again extended Mr. Dargan's agreement, and issued him an additional option to purchase 300,000 shares of our common stock, at a strike price of \$0.69 per share which is equal to the closing price of our common stock on February 10, 2017. The option expires February 10, 2027, and vests over the term of the engagement with 125,000 shares having vested as of February 10, 2017, and the remaining shares to vest 25,000 shares monthly beginning March 1, 2017, and each month thereafter, so long as his Agreement is in full force and effect.

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

On June 24, 2015, our board of directors extended by five years the expiration of options to purchase an aggregate 1,772,581 shares of our common stock issued to consultants, vendors and employees on August 4, 2010. The options were originally issued in exchange for accrued and unpaid amounts owed to the individuals, at an exercise price of \$0.30 and now expire August 4, 2020. Fair value of the option totaled \$620,403 of additional selling, general and administrative expenses.

On June 24, 2015, we recorded the issuance of options to purchase an aggregate 40,000 shares of our common stock to the non-employee members of our Board of Directors, pursuant to the terms of the 2007 Equity Plan which calls for an annual automatic issuance. The exercise price of \$0.38 equals the price of our common stock on the grant date. The fair value of these options totaled \$15,200 and was recorded as selling, general and administrative expense.

On June 24, 2015, our board of directors extended by five years the expiration of an option to purchase 200,000 shares of our common stock issued to our Chief Science Officer in February 2010. The option was issued in exchange for unpaid salary obligation at an exercise price of \$0.575 and now expires February 5, 2020. The fair value of the option totaled \$68,000 and was recorded as a selling, general and administrative expense.

On April 20, 2015, we issued an option to purchase 700,000 shares of our common stock to a consultant. The option vests ratably over two years, expires ten years from the date of issuance, and is exercisable at \$0.40 per share. The price of our common stock on the grant date was \$0.34 per share. The fair value of this option totaled \$238,000 and is being expensed as selling, general and administrative expense over the vesting period. During the year ended December 31, 2015 and 2016, we recorded \$79,280 of selling, general and administrative expense. This contract ended August 2016 and the remaining unvested 262,500 options were cancelled.

Activity for our stock options under the 2007 Plan for the year ended December 31, 2015 and 2016 is as follows:

<b>Options Outstanding</b>	<b>Shares Available</b>	<b>Exercise Price per share</b>	<b>Weighted Average Price per share</b>
--------------------------------	-----------------------------	-------------------------------------	---

Edgar Filing: BIOLARGO, INC. - Form S-1/A

Balance, December 31, 2014	8,601,086	3,398,914	\$0.23 - 1.89	\$ 0.44
Granted	1,040,000	(1,040,000 )	0.30 - 0.58	0.35
Plan classification	600,000	(600,000 )	0.30 - 0.60	0.33
Balance, December 31, 2015	10,241,086	1,758,914	\$0.22 - 1.89	\$ 0.44
Granted	40,000	(40,000 )	0.45	0.45
Exercised	(102,000 )	—	0.35	0.35
Cancelled	(262,500 )	262,500	0.40	0.40
Balance, December 31, 2016	9,916,586	1,981,414	\$0.22 - 1.89	\$ 0.46

F-16

---

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following table summarizes the stock options issued under the 2007 Equity Plan outstanding at December 31, 2016.

<b>Options Outstanding at December 31, 2016</b>	<b>Exercise Price</b>	<b>Weighted Average Remaining Contractual Life</b>	<b>Weighted Average Exercise Price</b>	<b>Currently Exercisable Number Of Shares December 31, 2016</b>	<b>Weighted Average Exercise Price</b>
525,000	\$0.40 - 1.89	1	\$ 1.06	525,000	\$ 1.06
892,135	0.28 - 0.99	2	0.51	892,135	0.51
1,020,000	0.25 - 0.70	3	0.55	1,020,000	0.55
3,650,528	0.22 - 0.57	4	0.37	3,650,528	0.37
1,656,262	0.34 - 0.40	5	0.36	1,656,262	0.36
715,161	0.28 - 0.40	6	0.36	715,161	0.36
640,000	0.30 - 0.65	7	0.48	640,000	0.48
477,500	0.38 - 0.40	8	0.42	477,500	0.42
340,000	0.45 - 0.57	9	0.56	340,000	0.56
9,916,586	\$0.22 - 1.89	5	\$ 0.46	9,916,586	\$ 0.46

***Options issued Outside of the 2007 Equity Incentive Plan***

During the year ended December 31, 2016, we issued options to purchase 1,009,718 shares of our common stock at exercise prices ranging between \$0.33 – \$0.83 per share to vendors and to our members of our board of directors, in lieu of \$316,007 in accrued and unpaid fees. The aggregate fair value of these options totaled \$357,312 and is recorded as selling, general and administrative expenses.

During the year ended December 31, 2015, we issued options to purchase 2,075,934 shares of our common stock at exercise prices ranging between \$0.33 – \$0.65 per share to vendors and to our members of our board of directors, in lieu of \$942,509 in accrued and unpaid fees. The fair value of these options totaled \$887,864 and is recorded as selling, general and administrative expenses.

The grant-date fair value of the previously issued options that vested during the year ended December 31, 2015 and 2016 was \$74,145 and \$99,600, respectively.

Activity of our stock options issued outside of the 2007 Plan for the year ended December 31, 2015 and 2016 is as follows:

	<b>Options Outstanding</b>	<b>Exercise Price per share</b>			<b>Weighted Average Price per share</b>
Balance, December 31, 2014	17,965,291	\$0.18	-	1.00	\$ 0.40
Granted	2,075,931	0.25	-	0.65	0.40
Expired	(46,250	)	0.30		0.30
Plan classification	(600,000	)	0.30	-	0.63
Balance, December 31, 2015	19,394,975	\$0.18	-	1.00	\$ 0.40
Granted	1,009,718	0.33	-	0.83	0.48
Exercised	(255,927	)	0.25		0.35
Balance, December 31, 2016	20,148,766	\$0.18	-	1.00	\$ 0.43

Table of Contents**BIOLARGO, INC. AND SUBSIDIARIES****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following table summarizes the stock options issued outside of the 2007 Equity Incentive Plan outstanding at December 31, 2016.

<b>Options Outstanding at December 31, 2016</b>	<b>Exercise Price</b>	<b>Weighted Average Remaining Contractual Life</b>	<b>Weighted Average Exercise Price</b>	<b>Currently Exercisable Number of Shares at December 31, 2016</b>	<b>Weighted Average Exercise Price</b>
7,733,259	\$0.18	.25	\$ 0.18	7,733,259	\$ 0.18
2,400,000	0.99	.25	0.99	2,400,000	0.99
691,975	0.55	2	0.55	691,975	0.55
800,000	1.00	5	1.00	800,000	1.00
168,750	0.40	6	0.40	168,750	0.40
1,497,986	0.30	6	0.30	1,497,986	0.30
3,122,093	0.25 - 0.65	7	0.32	3,122,093	0.32
2,120,947	0.33 - 0.47	8	0.37	2,120,947	0.37
1,388,166	0.33 - 0.65	9	0.47	1,238,116	0.47
225,641	0.60 - 0.83	10	0.76	225,641	0.76
20,148,766	\$0.18 - 1.00	4	\$ 0.40	19,998,766	\$ 0.40

We recognize compensation expense for stock option awards on a straight-line basis for employees over the applicable service period of the award, which is the vesting period. Share-based compensation expense is based on the grant date fair value estimated using the Black-Scholes Option Pricing Model. The following methodology and assumptions were used to calculate share based compensation for the year ended December 31:

	<b>2015</b>		<b>2016</b>	
	<b>Non Plan</b>	<b>2007 Plan</b>	<b>Non Plan</b>	<b>2007 Plan</b>
Risk free interest rate	1.83 - 2.33%	1.60 - 2.38%	1.91 - 2.49%	1.36 - 2.14%
Expected volatility	794 - 821%	322 - 807%	623 - 738%	315 - 794%
Expected dividend yield	-	-	-	-
Forfeiture rate	-	-	-	-
Life in years	7	3 - 7	7	5

Expected price volatility is the measure by which our stock price is expected to fluctuate during the expected term of an option. Expected volatility is derived from the historical daily change in the market price of our common stock, as we believe that historical volatility is the best indicator of future volatility.

The risk-free interest rate used in the Black-Scholes calculation is based on the prevailing U.S Treasury yield as determined by the U.S. Federal Reserve. We have never paid any cash dividends on our common stock and do not anticipate paying cash dividends on our common stock in the foreseeable future.

Historically, we have not had significant forfeitures of unvested stock options granted to employees and Directors. A significant number of our stock option grants are fully vested at issuance or have short vesting provisions. Therefore, we have estimated the forfeiture rate of our outstanding stock options as zero.



Table of Contents

**BIOLARGO, INC. AND SUBSIDIARIES**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**Note 6. Warrants**

**Series A Warrants**

Pursuant to the terms of our 2015 Unit Offering, during the year ended December 31, 2016, we issued warrants to purchase up to an aggregate 5,429,872 shares of our common stock. Of this amount, warrants to purchase an aggregate 2,814,286 shares were issued at an exercise price of \$0.45 per share, and warrant to purchase an aggregate 2,615,586 shares were issued at an exercise price of \$0.70 per share. These warrants were issued to investors in our 2015 Unit Offering (see Note 4), as commissions to licensed brokers in conjunction therewith, and to other investors who converted their investors into notes on the same terms as the 2015 Unit Offering and Series A warrants. Series A Warrants totaling 4,059,744 expire June 1, 2020 and 854,545 expire July 31, 2021. The relative fair value of these warrants resulted in \$2,115,874 recorded as a discount on our convertible notes on our consolidated balance sheets in the periods presented.