

Item 5.07 Submission of Matters to a Vote of Security Holders.

On March 4, 2014, Cabot Microelectronics Corporation (the "Company") held its annual meeting of stockholders ("Annual Meeting"), at which the following proposals were approved by the Company's stockholders:

Proposal 1 – Election of three directors, each for a term of three years:

All three of the Board's nominees for director were elected by the stockholders to serve for a term of three years, by the votes set forth in the table below:

| | Number of Votes For Election | Number of Votes Withheld | Broker Non-Votes |
|---------------------|------------------------------|--------------------------|------------------|
| Robert J. Birgeneau | 21,663,936 | 552,411 | 979,311 |
| Steven V. Wilkinson | 20,880,014 | 1,336,333 | 979,311 |
| Bailing Xia | 22,639,484 | 576,863 | 979,311 |

Proposal 2 – Advisory (non-binding) vote on the compensation of named executive officers:

The stockholders approved, on an advisory (non-binding) basis, the compensation of named executive officers, by the votes set forth in the table below:

| For | Against | Abstain | Broker Non-Votes |
|------------|-----------|---------|------------------|
| 20,254,793 | 1,941,114 | 20,440 | 979,311 |

Proposal 3 – Ratification of the selection of PricewaterhouseCoopers LLP as the Company's independent auditors for fiscal year 2014:

The selection of PricewaterhouseCoopers LLP as the Company's independent auditors for fiscal year 2014 was ratified by the stockholders, by the votes set forth in the table below:

| For | Against | Abstain |
|------------|-----------|---------|
| 21,739,712 | 1,453,928 | 2,018 |

Item 7.01

Regulation FD Disclosure.

At the Annual Meeting, the Company provided information regarding certain aspects of its business for fiscal year 2014. This additional information is included in the script of the Annual Meeting, which is available in the "Events and Presentations" area of the "Investor Relations" section of the Company's website, www.cabotcmp.com.

This information is being furnished pursuant to Item 7.01 of Form 8-K and shall not be deemed "filed" for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CABOT MICROELECTRONICS CORPORATION
[Registrant]

Date: March 4, 2014 By: /s/ WILLIAM S. JOHNSON
William S. Johnson
Executive Vice President and Chief Financial Officer
[Principal Financial Officer]