

TERAYON COMMUNICATION SYSTEMS

Form 15-12G

July 20, 2007

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 15**

**CERTIFICATION AND NOTICE OF TERMINATION OF REGISTRATION UNDER SECTION 12(g) OF  
THE SECURITIES EXCHANGE ACT OF 1934 OR SUSPENSION OF DUTY TO FILE REPORTS UNDER  
SECTIONS 13 AND 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.**

**Commission File No. 000-24647**

**Terayon Communication Systems, Inc.**

(Exact name of registrant as specified in its charter)

**2450 Walsh Avenue**

**Santa Clara, California 95051**

**(408) 235-5500**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Common Stock, \$0.001 par value per share**

(Title of each class of securities covered by this Form)

**None**

(Titles of all other classes of securities for which a duty to file reports under Section 13(a) or 15(d) remains)

Please place an X in the box(es) to designate the appropriate rule provision(s) relied upon to terminate or suspend the duty to file reports:

|                      |                                     |                      |                                     |
|----------------------|-------------------------------------|----------------------|-------------------------------------|
| Rule 12g-4(a)(1)(i)  | <input checked="" type="checkbox"/> | Rule 12h-3(b)(1)(i)  | <input checked="" type="checkbox"/> |
| Rule 12g-4(a)(1)(ii) | <input type="checkbox"/>            | Rule 12h-3(b)(1)(ii) | <input type="checkbox"/>            |
| Rule 12g-4(a)(2)(i)  | <input type="checkbox"/>            | Rule 12h-3(b)(2)(i)  | <input type="checkbox"/>            |
| Rule 12g-4(a)(2)(ii) | <input type="checkbox"/>            | Rule 12h-3(b)(2)(ii) | <input type="checkbox"/>            |
|                      |                                     | Rule 15d-6           | <input type="checkbox"/>            |

Approximate number of holders of record as of the certificate or notice date: 1

Pursuant to the requirements of the Securities Exchange Act of 1934, Terayon Communication Systems, Inc. has caused this certification/notice to be signed on its behalf by the undersigned duly authorized person.

Date: July 20, 2007

**Terayon Communication Systems, Inc.**

By: /s/ Mark Richman

Name: Mark Richman

Title: CFO