



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 Number: 000-25601

**Brocade Communications Systems, Inc.**  
(Exact name of registrant as specified in its charter)

**1745 Technology Drive**  
**San Jose, California 95110**  
**(408) 333-8000**

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

**Preferred Stock Purchase Rights**  
(Titles of each class of securities covered by this Form)

**Common Stock, \$0.001 par value**  
(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 certification or notice date: None

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

Date: January 23, 2007

By: /s/ Richard Deranleau  
Richard Deranleau  
Chief Financial Officer and Vice President, Finance