

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>KLAYKO MICHAEL</u> (Last) (First) (Middle) 1745 TECHNOLOGY DRIVE (Street) SAN JOSE CA 95110 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>BROCADE COMMUNICATIONS SYSTEMS INC [BRCD]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">CEO</p>
	3. Date of Earliest Transaction (Month/Day/Year) 11/27/2006	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/27/2006		S		546,876	D	\$8.9748	8,304	I	By Partnership ⁽¹⁾
Common Stock	11/27/2006		S		53,124 ⁽²⁾	D	\$8.9748	13,355	I	By Trust ⁽³⁾
Common Stock	11/27/2006		M		239,583	A	\$4.55	239,583	D	
Common Stock	11/27/2006		S		239,583	D	\$8.9748	0	D	
Common Stock	11/27/2006		M		213,781	A	\$4.55	213,781	D	
Common Stock	11/27/2006		S		213,781	D	\$8.9748	0	D	
Common Stock	11/27/2006		M		83,333	A	\$5.53	83,333	D	
Common Stock	11/27/2006		S		83,333	D	\$8.9748	0	D	
Common Stock	11/27/2006		M		293,246	A	\$5.84	293,246	D	
Common Stock	11/27/2006		S		293,246	D	\$8.9748	0	D	
Common Stock	11/27/2006		M		250,000	A	\$6	250,000	D	
Common Stock	11/27/2006		S		250,000	D	\$8.9748	0	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-qualified stock option (right to buy)	\$4.55	11/27/2006		M			239,583	(4)	01/27/2013	Common Stock	239,583	\$0.00	10,417	D	
Non-qualified stock option (right to buy)	\$4.55	11/27/2006		M			213,781	(5)	01/27/2013	Common Stock	213,781	\$0.00	0	D	
Non-qualified stock option (right to buy)	\$5.53	11/27/2006		M			83,333	(6)	08/15/2010	Common Stock	83,333	\$0.00	0	D	
Non-qualified stock option (right to buy)	\$5.84	11/27/2006		M			293,246	(7)	05/21/2011	Common Stock	293,246	\$0.00	31,754	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-qualified stock option (right to buy)	\$6	11/27/2006		M			250,000	(8)	03/08/2012	common Stock	250,000	\$0.00	350,000	D	

Explanation of Responses:

- Shares held by Genesis Management Investments Limited Partnership, over which the Reporting Person and his spouse exercise investment and voting control.
- 9,127 shares owned directly by the Reporting Person were transferred to the Trust on November 27, 2006.
- Shares held by the Klayko Living Trust, over which the Reporting Person and his spouse exercise investment and voting control.
- 62,500 options vested on January 27, 2004; 187,500 options vested monthly from February 27, 2004 through January 27, 2007.
- 53,446 options vested on July 27, 2003; 160,335 options vested from August 27, 2003 through January 27, 2005.
- Options vested monthly from September 15, 2003 through August 15, 2007.
- Options vested monthly over three years beginning May 21, 2004.
- Options vested monthly over four years, with 1/48th of the shares exercisable beginning on 4/8/2005.

Remarks:

Michael Klayko

11/29/2006

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.