

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>CHENG KEN</u> (Last) (First) (Middle) <u>130 HOLGER WAY</u> (Street) <u>SAN JOSE CA 95134</u> (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) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>CTO and SVP, Corporate Develop</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/05/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	11/05/2017		M		26,024 ⁽¹⁾	A	\$0	330,682	D	
Common Stock	11/05/2017		F		13,439 ⁽²⁾	D	\$12.58	317,243	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
Restricted Stock Units	(3)	11/05/2017		A		52,047		(4)	10/28/2018	Common Stock	52,047	\$0	52,047	D	
Restricted Stock Units	(3)	11/05/2017		M		26,024		(1)	10/28/2018	Common Stock	26,024	\$0	26,023	D	

Explanation of Responses:

- Reflects the conversion of 50% of the shares referred to in footnote (4) in this Form 4 into shares of Brocade common stock in connection with the vesting of the restricted stock units. Each restricted stock unit represents a contingent right to receive one share of Brocade common stock.
- Shares automatically withheld for payment of tax withholding liability in connection with vesting of the restricted stock units pursuant to terms of the restricted stock unit agreement.
- Each restricted stock unit represents a contingent right to receive one share of Brocade common stock.
- The restricted stock units were granted upon achievement of certain performance objectives pursuant to the performance-based restricted stock units granted December 15, 2015 under Brocade's 2009 Stock Plan. The performance period for the restricted stock units was November 1, 2015 until October 28, 2017, with vesting subject to approval of the performance calculation by Brocade's Compensation Committee. This approval was obtained on November 5, 2017. As a result, 50% of the earned shares underlying the restricted stock units vested on that date and the remaining 50% will vest on October 28, 2018, subject to the terms of the performance-based restricted stock unit agreement.

Remarks:

/s/ Jean Furter, Attorney-in-fact for Ken Cheng 11/07/2017

** 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.

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