Additional name(s) of conveying party(ies) attached?	Form PTO (\$95) (Rev. (346))  OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings ** * * * * * * * * * * * * * * * * *	U.S. Patent and Trademark C
3. Nature of conveyance:    Assignment	1. Name of conveying party(ies):  Richard L. Hammons  9-22	2. Name and address of receiving party(ies)
City: San Jose State: CA Zip: 951  Execution Date: 7/28/2003; 9/2/2003  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A Patent Application No.(s)  B. Patent No.(s)  6. Total number of applications and patents involve concerning document should be mailed:  Name: Keith Lutsch  Internal Address: Wong Cabello Lutsch Rutherford  & Brucculeri LLP  Street Address: 20333 SH 249 Suite 600  City: Houston  State: TX Zip:77070  City: Houston  City: San Jose  State: CA Zip:951  Additional name(s) & address(es) attached?	3. Nature of conveyance:  ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of	Street Address: 1745 Techonology Drive
A Patent Application No.(s)  10/425,556  Additional numbers attached?  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Keith Lutsch  Internal Address: Wong Cabello Lutsch Rutherford  & Brucculeri LLP  Street Address: 20333 SH 249 Suite 600  City: Houston State: TX Zip:77070  B. Patent No.(s)  6. Total number of applications and patents involved applications and patents involved patents inv	Execution Date: 7/28/2003; 9/2/2003  4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached? Yes
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Keith Lutsch  Internal Address: Wong Cabello Lutsch Rutherford  & Brucculeri LLP  Street Address: 20333 SH 249 Suite 600  City: Houston  State: TX  Zip:77070  6. Total number of applications and patents involved applications applications applications and patents involved applications	A Patent Application No.(s) 10/425,556	B. Patent No.(s)
Internal Address: Wong Cabello Lutsch Rutherford  & Brucculeri LLP  Authorized to be charged to deposit account number:  Street Address: 20333 SH 249 Suite 600  State: TX Zip:77070  Authorized to be charged to deposit account number:  (Attach duplicate copy of this page if paying by deposit account number)	concerning document should be mailed:	ence 6. Total number of applications and patents involve
Street Address: 20333 SH 249 Suite 600  501922  City: Houston State: TX Zip: 77070 (Attach duplicate copy of this page if paying by deposit account	Internal Address: Wong Cabello Lutsch Rutherf	d
City: Houston State: TX Zip: 77070 (Attach duplicate copy of this page if paying by deposit account	Street Address: 20333 SH 249 Suite 600	
DBYRNE 00000031 10425555 \		(Attach duplicate copy of this page if paying by deposit account

Keith Lutsch Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

9/15/2003

Date

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Brocade Communications Systems, Inc., a California corporation, having a place of business at 1745 Technology Drive, San Jose, California 95110 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: EXTENT-BASED FIBRE CHANNEL ZONING IN HARDWARE ("APPLICATION"), which:

- is to be filed herewith
- was filed on April 29, 2003, now bearing U.S. Serial Number 10/425,556 and for which a Declaration was executed by INVENTOR on the date(s) below; and

The entire worldwide right, title, and interest in and to (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles, and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER: and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

P:\CLIENTS\Brocade-112\0056US\ASSIGNMENT.doc

PATENT REEL: 014525 FRAME: 0839 This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Executed this 23th day of July, 2003

Richard L. Hammons

STATE OF CALIFORNIA

## COUNTY OF SANTA CLARA

BEFORE ME, the undersigned authority, on this day personally appeared Richard L. Hammons, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and consideration herein expressed.

GIVEN UNDER MY HAND and seal of office this 28th day of

ELIZABETH MOORE
Commission # 1277518
Notary Public - California
Santa Clara County
My Comm. Exclus Sep 19, 2004

Notary Public in and for the State of California

\*\*\*\*\*\*\*\*\*\*\*

Executed this Zag day of September, 2003.

David C. Banks

STATE OF CALIFORNIA

## **COUNTY OF ALAMEDA**

BEFORE ME, the undersigned authority, on this day personally appeared David C. Banks, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and consideration herein expressed.

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PATENT REEL: 014525 FRAME: 0840 GIVEN UNDER MY HAND and seal of office this 2 day of September, 2003.

Notary Public in and for the

EDITH M. CAPONIGRO
Comm. # 1340444 M
MOTARY PUBLIC - CALIFORNIA
Liemeda County
My Comin. Expires Jan. 18, 2008

State of California

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**RECORDED: 09/22/2003** 

PATENT REEL: 014525 FRAME: 0841