

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Anthony Siebe VanDerVeen	04/28/2010
Daniel Kiernan Kilkenny	04/28/2010
RECEIVING PARTY DATA	
Name:	Brocade Communications Systems, Inc.
Street Address:	745 Technology Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12770467
CORRESPONDENCE DATA	
Fax Number:	(832)446-2452
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	832-446-2400
Email:	WCPatent@counselip.com
Correspondent Name:	Wong Cabello Lutsch Rutherford & Bruccul
Address Line 1:	20333 Tomball Parkway, 6th Floor
Address Line 4:	Houston, TEXAS 77070
ATTORNEY DOCKET NUMBER:	112-0532US
NAME OF SUBMITTER:	Christopher D. Keirs
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 12770467

501162574

**PATENT
 REEL: 024313 FRAME: 0140**

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 Delaware 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: **SIDE-EXHAUST COOLING SYSTEM WITH EXTENSIBLE DUCT FOR RACK MOUNTED EQUIPMENT** ("APPLICATION"), which:

- ☒ is to be filed herewith
- ☐ was filed on _____, now bearing U.S. Serial Number _____ 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.

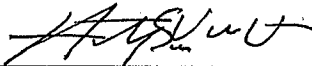
INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

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.

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 28 day of April, 2010.



ANTHONY SIEBE VANDERVEEN

* * *

Executed this 28 day of APRIL, 2010.



DANIEL KIERNAN KILKENNY

* * *