

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>DENNIS HIDEO MAKISHIMA</td><td>12/09/2004</td></tr><tr><td>DANIEL JI YONG PARK CHUNG</td><td>12/09/2004</td></tr></tbody></table>	Name	Execution Date	DENNIS HIDEO MAKISHIMA	12/09/2004	DANIEL JI YONG PARK CHUNG	12/09/2004	
Name	Execution Date						
DENNIS HIDEO MAKISHIMA	12/09/2004						
DANIEL JI YONG PARK CHUNG	12/09/2004						
RECEIVING PARTY DATA							
Name:	BROCADE COMMUNICATIONS SYSTEMS, INC.						
Street Address:	1745 TECHNOLOGY DRIVE						
City:	SAN JOSE						
State/Country:	CALIFORNIA						
Postal Code:	95110						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12272494</td></tr></tbody></table>	Property Type	Number	Application Number:	12272494			
Property Type	Number						
Application Number:	12272494						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	112-0145USC						
NAME OF SUBMITTER:	Keith Lutsch						
Total Attachments: 2 source=112-0145USC__Assignment#page1.tif source=112-0145USC__Assignment#page2.tif							

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PATENT

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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: SYSTEM AND METHOD FOR PROVIDING PROXY AND TRANSLATION DOMAINS IN A FIBRE CHANNEL ROUTER ("APPLICATION"), which:

- ☐ is to be filed herewith
☒ was filed on July 30, 2004, now bearing U.S. Serial Number 10/903,499 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.

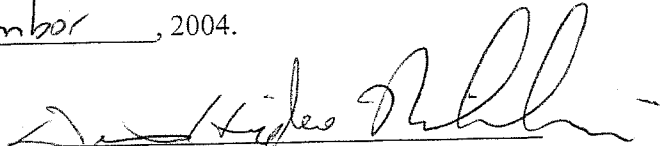
INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

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 9 day of December, 2004.


DENNIS HIDEO MAKISHIMA

* * *

Executed this 9 day of December, 2004.


DANIEL JI YONG PARK CHUNG