| Form PTO-1595 (Rev. 03/01) | | | U.S. DEPARTMENT OF COMMERC U.S. Patent and Trademark Off | | | |
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| OMB No. 0651-0027 (exp. 5/31/2002) | 1023372 | | ▼ ▼ | | | |
| Tab settings | <u> </u> | | | | | |
| Name of conveying party(ies): | | 2. Name and address Name: Brocade C | s of receiving party(ies) ommunications Systems, Inc. | | | |
| Additional name(s) of conveying party(ies) attached | ed? 📮 Yes 🛂 No | | | | | |
| 3. Nature of conveyance: | | | | | | |
| ☑ Assignment☑ M☑ Security Agreement☑ Cl | erger nange of Name | Street Address: 1 | 745 Technology Drive | | | |
| Other | | City: San Jose | State: CAZip: 95110 | | | |
| Execution Date: 11/27/02 | | Additional name(s) & a | address(es) attached? 📮 Yes 🛂 No | | | |
| 5. Name and address of party to whom | · · | | plications and patents involved: | | | |
| concerning document should be maile Name: Jonathan M. Harris | I_ | 7. Total fee (37 CFR 3.41)\$_40.00 | | | | |
| Internal Address: CONLEY ROSE, P.C | | ☐ Enclosed | ** | | | |
| | | Authorized to | be charged to deposit account | | | |
| P.O. Box 3267 Street Address: | | 3. Deposit account n | umber: | | | |
| Ollegt Address | | 03-2769 | 77. 4 | | | |
| Only: | Xip: 77253-3267 | (Attach duplicate copy | of this page if paying by deposit account) | | | |
| and an all | DO NOT USE T | HIS SPACE | | | | |
| 9. Statement and signature. To the best of my knowledge and beli | ief, the foreacina info | ormation is true and | correct and any attached copy | | | |
| is a true copy of the original document Michael F. Heim, Reg. No. 32,702 | | A Slew | January 6, 2003 | | | |
| Name of Person Signing | | Signature | Date | | | |
| Total number o | f pages including cover s | heet, attachments, and d | ocuments: [_3_] | | | |

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: "NETWORK MERGE TESTING" ("APPLICATION"), which:

| | is to | be file | d he | erewith | | | | | | | |
|-------------|---------|---------|------|-------------|------|--------|-------|---------|------|---------|-----------|
| \boxtimes | was | filed | on | October | 30, | 2002, | now | bearing | U.S. | Serial | Number |
| 10/284,434 | and for | whic | h a | Declaration | on w | as exe | cuted | by INVE | ENTO | R on th | e 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.

PATENT REEL: 013643 FRAME: 0743 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 27 day of November, 2002.

Michael D. STIMAC

STATE OF CHUFORNIA

COUNTY OF SANTA CLARA

BEFORE ME, the undersigned authority, on this day personally appeared **Michael D. STIMAC**, 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 27^{14} day of November ____, 2002.

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

Notary Public in and for the
State of CALIFORNIA

RECORDED: 01/09/2003