| FORM PTO-1595 RECOR  (Rev. 6-93)  OMB to. 0651-0011 (exp. 4/94)  | SET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  |  |  |  |  |
|--|--|--|--|--|--|
| To the Honorable Commissioner of Patent 1C122  | d original documents or copy thereof.  |  |  |  |  |
| 1. Name of conveying party(ies):   | 2. Name and address of receiving party(ies):   |  |  |  |  |
| Ross W. Callon John K. Renwick   | Name: IronBridge Networks, Inc.  Internal Address:   |  |  |  |  |
| Additional name(s) of conveying party(ies) attached?   |  |  |  |  |  |
| 3. Nature of conveyance:   | Street Address: 55 Hayden Avenue   |  |  |  |  |
|  |  |  |  |  |  |
| ☐ Security Agreement ☐ Change of Name  ☐ Other ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐   | City: Lexington State MA ZIP 02173   |  |  |  |  |
| Execution Date: November 11, 1999 & November 12, 1999  | Additional name(s) & address attached? □ Yes ⊠ No  |  |  |  |  |
| 4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the exec  A. Patent Application No.(s)                           | B. Patent No.(s)   |  |  |  |  |
| Additional numbers attached?   | ? □ Yes ⊠ No   |  |  |  |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  | 6. Total number of applications and registrations involved   |  |  |  |  |
| Name: Steven M. Mills, Esq.  |  |  |  |  |  |
| Internal Address: Samuels, Gauthier & Stevens LLP  | 7. Total fee (37 CFR 3.41) \$40.00  ☑ Enclosed ☐ Authorized to be charged to deposit account                 |  |  |  |  |
| Stand Address 2200   | 8. Deposit Account Number:   |  |  |  |  |
| Street Address: 225 Franklin Street, Suite 3300  | or Deposit recount resistant   |  |  |  |  |
| City: Boston State MA ZIP 02110  | (Attach duplicate copy of this page if paying by deposit account)  |  |  |  |  |
| DO NOT USE T   | HIS SPACE  |  |  |  |  |
| 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. |  |  |  |  |  |
| <i>(</i> )   | $\lambda_{1}\lambda_{2}$ $\lambda_{1}$ $\lambda_{2}$ $\lambda_{3}$ $\lambda_{4}$ $\lambda_{5}$ $\lambda_{5}$ |  |  |  |  |
| Steven M. Mills, Reg. No. 36,610   | en Morente 1,1999  |  |  |  |  |
| Name of Person Signing Signature   | Date \$ 1999   |  |  |  |  |
| /  |  |  |  |  |  |

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231 K:\IronBrid (\$2222)\PTO1595

## ASSIGNMENT

We, Ross W. Callon of 18 Applewood Drive, Westford, Massachusetts and John K. Renwick of 3037 Holmes Avenue, Apt. 2, Minneapolis, Minnesota, having invented improvements in APPARATUS AND METHOD FOR FORWARDING ENCAPSULATED DATA PACKETS ON A NETWORK HAVING MULTIPLE LINKS BETWEEN NODES described in an application for Letters Patent of the United States, executed by us on even date herewith, for good and valuable consideration, receipt of which is hereby acknowledged from IronBridge Networks, Inc., a Delaware corporation having a place of business at 55 Hayden Avenue, Lexington, Massachusetts (and hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration We do also hereby sell, assign, and transfer unto the Assignee, all our rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and all other treaties of like purpose in respect of said inventions and said application, and We do hereby authorize the Assignee to apply in our name or its own name or its designee for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the same consideration, We do hereby agree for ourselves and for our heirs, executors, and administrators, promptly upon request of the Assignee to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee, any and all patents and like rights of exclusion which may be granted in any country upon said United States application on or for said inventions;

And We do hereby covenant for ourselves and our legal representatives and agree with the Assignee, that We have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by us, and that We have not executed and will not execute any instruments in conflict herewith.

-1-

PATENT REEL: 010431 FRAME: 0005 IN WITNESS WHEREOF, I hereunto set my hand and seal this 12 day of 700cm be11999.

| State of Massage<br>County of Midelle | thusetts)<br>iscf)                           | R  | Oss W. Callon          | Calle            | 7               |
|---------------------------------------|--|--|------------------------|------------------|-----------------|
| Before me t                           | his <u>12 th</u> day of <u>10</u>            | <b>uen be</b> n 1999, per  | sonally appeared Ro    | oss W. Callon, w | bous towner.    |
| personally known, a                   | and acknowledged the                         | foregoing instrume   | ent to be his free act | and deed.        | CHIPLONWEAL     |
| Sinley                                | McDaviel                                     |  | _                      | #mmw*            |                 |
| SNdew/Malbiticle!                     |  |  |                        |                  | John Te.        |
| NOTARY PUBLIC                         | 1  |  |                        | 7                | APY PUBL        |
| My commission expires Jan. 22, 2004   | r<br>-                                       |  |                        |                  | MINIMAN NO.     |
| IN WITNE                              | SS WHEREOF, I her                            | eunto set my hand  | and seal this 11th da  | y of Novemb      | <u>er</u> 1999. |
| State of                              | )  |  |                        |                  |                 |
| County of                             | )  |  | ann K Re               |                  |                 |
|                                       |  | Jo   | hn K. Renwick          |                  | _               |
|                                       | $\mathcal{A}$                                | 1  |                        |                  |                 |
| Before me t                           | his //th day of //ov                         | <i>embl</i> 1999, per  | sonally appeared Jol   | hn K. Renwick, v | who is to       |
| me personally know                    | n, and acknowledged                          | the foregoing instr  | ument to be his free   | act and deed.    |                 |
| Dine Y                                | M. Loya                                      |  | _                      |                  |                 |
| Notary Public                         | /  |  |                        |                  |                 |
|                                       | DIANE NOTARY FUBI<br>HEMNEDI<br>My Communian | M. LOIJA<br>LIC - MINNESOTA<br>N COUNTY<br>Expires Jan, 31, 2000 |                        |                  |                 |

DOCKET NO.IBN.5202 K:\IronBridge\5202\assign.doc

**RECORDED: 11/24/1999** 

**PATENT REEL: 010431 FRAME: 0006**