Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<table>
<thead>
<tr>
<th>1. Name of conveying party(ies):</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Thomas J. Quigley</td>
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<td>(2) Jonathan S. Min</td>
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<td>(3) Lisa V. Denney</td>
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<td>(4) Henry Samueli</td>
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<td>(6) Feng Chen</td>
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<tr>
<td>(7) Fang Lu</td>
</tr>
<tr>
<td>(8) Christopher R. Jones</td>
</tr>
</tbody>
</table>

Additional name(s) of conveying party(ies) attached: No

3. Name of conveyance:
- [X] Assignment
- [ ] Security Agreement
- [ ] Merger
- [ ] Change of Name
- [ ] Other:

Execution Date: (1) July 12, 2000; (2) July 11, 2000; (3) and (8) July 6, 2000; (4) July 26, 2000; (5) and (7) August 1, 2000 and (6) June 30, 2000

Additional name(s) & address(es) attached? No

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:

<table>
<thead>
<tr>
<th>A. Patent Application No.(s)</th>
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<td>09/574,538</td>
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<th>B. Patent No.(s)</th>
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<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Additional numbers attached? No

5. Please return the recorded document and address all correspondence to:

CHRISTIE, PARKER & HALE, LLP
P.O. Box 7068
Pasadena, CA 91109-7068

Attention: LeRoy T. Rahn

| 10. [ ] Explanatory letter is enclosed. |

6. Total number of applications and patents involved........ 1

7. [X] Total fee enclosed (37 CFR 3.41): $ 40.00

8. [X] Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account:

| 626/795-9900 |

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.

Date: August 10, 2000

By [Signature]

Name: LeRoy T. Rahn
626/795-9900

Total number of pages including cover sheet, attachments, and document: 10
ASSIGNMENT

WHEREAS, WE, Thomas J. Quigley; Jonathan S. Min; Lisa V. Denney; Henry Samueli; Sean F. Nazareth; Feng Chen; Fang Lu; and Christopher R. Jones, residing at Lawrenceville, Georgia; Buena Park, California; Suwanee, Georgia; Corona Del Mar, California; Anaheim Hills, California; Irvine, California; Irvine, California; and Newport Beach, California, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled CABLE MODEM APPARATUS AND METHOD, filed May 19, 2000, Application No. 09/574,558.

AND WHEREAS BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar ($1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutions, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.
IN TESTIMONY WHEREOF, I hereunto set my hand this 12 day of July, 2000.

Thomas J. Quigley

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ______________, 20__

__________________________
Jonathan S. Min

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ______________, 20__

__________________________
Lisa V. Denney

**********
IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of __________________, 20 ___.

__________________________________________

Thomas J. Quigley

*******

IN TESTIMONY WHEREOF, I hereunto set my hand this 14th day of July, 2000.

Jonathan S. Min

*******

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of __________________, 20 ___.

__________________________________________

Lisa V. Denney

*******
IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20 ___.

___________________________
Thomas J. Quigley

*******

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20 ___.

___________________________
Jonathan S. Min

*******

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20 ___.

___________________________
Lisa V. Denney
IN TESTIMONY WHEREOF, I hereunto set my hand this 26 day of July, 20—.

Henry Samueli

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20__.

______________________________
Sean F. Nazareth

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20__.

____________________________________
Feng Chen

**********
IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ____________, 20__.

__________________________________________

Henry Samueli

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this 1st day of August, 2000.

______________________________

Sean F. Nazareth

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ____________, 20__.

__________________________________________

Feng Chen

**********
IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20 ___.

________________________________________
Henry Samueli

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20 ___.

________________________________________
Sean F. Nazareth

**********

IN TESTIMONY WHEREOF, I hereunto set my hand this 30 day of June, 20 ___.

_______________________
Feng Chen

**********
IN TESTIMONY WHEREOF, I hereunto set my hand this 1st day of August, 2000.

Fang Lu

*********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of ________________, 20__.

______________________________
Christopher R. Jones

LTR/bje
BJE PAS25682.1 * 6/26/00 4:13 PM
IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of _____________, 20 ___.

______________________________
Fang Lu

***********

IN TESTIMONY WHEREOF, I hereunto set my hand this ___ day of _____________, 20 ___.

______________________________
Christopher R. Jones
**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Docket No. 36636/LTR/B600  
Post Office Box 7068  
Pasadena, CA 91109-7068

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</table>
| (1) Thomas J. Quigley  
(2) Jonathan S. Min  
(3) Lisa V. Denney  
(4) Henry Samuei | Name: Broadcom Corporation  
Street Address: |
|  
(5) Sean F. Nazareth  
(6) Feng Chen  
(7) Fang Lu  
(8) Christopher R. Jones | 16215 Alton Parkway, Irvine, California 92618 |

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Date: August 10, 2000

By  

[Signature]

Name: LeRoy T. Rahn  
626/795-9900

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231 ON (DATE SIGNED)

Total number of pages including cover sheet, attachments, and document: 10

RECORDED: 08/15/2000  
REEL: 011049 FRAME: 0492