

## 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>Aaron W. Buchwald</td> <td>11/08/2001</td> </tr> <tr> <td>Xicheng Jiang</td> <td>10/30/2001</td> </tr> <tr> <td>Hui Wang</td> <td>11/05/2001</td> </tr> <tr> <td>Howard A. Baumer</td> <td>11/08/2001</td> </tr> <tr> <td>Avanindra Madiseti</td> <td>11/09/2001</td> </tr> </tbody> </table>		Name	Execution Date	Aaron W. Buchwald	11/08/2001	Xicheng Jiang	10/30/2001	Hui Wang	11/05/2001	Howard A. Baumer	11/08/2001	Avanindra Madiseti	11/09/2001
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<table border="1"> <tr> <td>Name:</td> <td>Broadcom Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5300 California Avenue</td> </tr> <tr> <td>City:</td> <td>Irvine</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92617</td> </tr> </table>		Name:	Broadcom Corporation	Street Address:	5300 California Avenue	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92617		
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13467531</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13467531								
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Application Number:	13467531												
CORRESPONDENCE DATA													
Fax Number: Email: mmalek@skgf.com, ppattani@skgf.com, bmurphy@skgf.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Sterne, Kessler, Goldstein & Fox PLLC Address Line 1: 1100 New York Avenue Address Line 4: Washington, DC, DISTRICT OF COLUMBIA 20005													
ATTORNEY DOCKET NUMBER:	1875.056000B												
NAME OF SUBMITTER:	Michael R. Malek												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

OP \$40.00 13467531

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: (1) Aaron W. BUCHWALD (2) Xicheng JIANG (3) Hui WANG (4) Howard A. BAUMER and (5) Avanindra MADISETTI, the undersigned inventors hereby sell and assign to Broadcom Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention known as Methods and Systems for Adaptive Receiver Equalization for which application for patent in the United States of America has been executed by the undersigned on (1) 11/8/01 (2) 10/30/01 (3) 11/5/01 (4) 11/5/01 and (5) 11/9/01 also known as United States Application No. 09/844,283, filed April 30, 2001, in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S.

Docket Number: 1875.0560003

Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: ✓ 08 NOV 2001

Signature of Inventor: ✓

Aaron W. BUCHWALD  
Aaron W. BUCHWALD

Date: ✓ 10/30/01

Signature of Inventor: ✓

Xicheng JIANG  
Xicheng JIANG

Date: ✓ 11/5/01

Signature of Inventor: ✓

Hui WANG  
Hui WANG

Date: ✓ 11/5/2001

Signature of Inventor: ✓

Howard A. BAUMER  
Howard A. BAUMER

Date: ✓ 09 NOV 2001

Signature of Inventor: ✓

Avanindra MADISETTI  
Avanindra MADISETTI