

## 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>Thuji Simon LIN</td> <td>10/18/2001</td> </tr> <tr> <td>Steven JAFFE</td> <td>10/18/2001</td> </tr> <tr> <td>Robindra JOSHI</td> <td>10/18/2001</td> </tr> </tbody> </table>		Name	Execution Date	Thuji Simon LIN	10/18/2001	Steven JAFFE	10/18/2001	Robindra JOSHI	10/18/2001
Name	Execution Date								
Thuji Simon LIN	10/18/2001								
Steven JAFFE	10/18/2001								
Robindra JOSHI	10/18/2001								
RECEIVING PARTY DATA									
Name:	Broadcom Corporation								
Street Address:	5300 California Avenue								
City:	Irvine								
State/Country:	CALIFORNIA								
Postal Code:	92617								
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>13273911</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13273911				
Property Type	Number								
Application Number:	13273911								
CORRESPONDENCE DATA									
Fax Number:	(202)371-2540								
Phone:	202-371-2600								
Email:	twood@skgf.com, dcrooks@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 P.L.L.C								
Address Line 1:	1100 NEW YORK AVENUE, N.W.								
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005								
ATTORNEY DOCKET NUMBER:	1875.9100004								
NAME OF SUBMITTER:	Theodore A. Wood								
Total Attachments: 2 source=1875.9100004 EXECUTED ASSIGNMENT#page1.tif source=1875.9100004 EXECUTED ASSIGNMENT#page2.tif									

OP \$40.00 13273911

## ASSIGNMENT

**I, one of the persons named below, hereby state and agree as follows:**

I have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **CONSTELLATION-MULTIPLYED TRANSMITTER AND RECEIVER**, and executed by me on even date herewith and with claim to the priority of United States Patent Application No. 09/430,466, filed October 30, 1998 and with claim to the priority of United States Provisional Application No. 60/106,481, filed October 30, 1998;

**AND 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 me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I 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, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I 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


**ASSIGNMENT**

aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

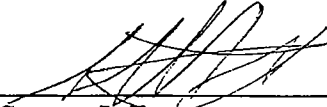
**AND I HEREBY** covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

**AND I HEREBY** further covenant and agree that I will communicate to ASSIGNEE any facts known to me 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.

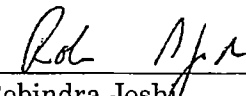
Date: 10/18/01

  
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Thuji Simon Lin

Date: 10/18/01

  
\_\_\_\_\_  
Steven Jaffe

Date: 10/18/01

  
\_\_\_\_\_  
Robindra Joshi