

## 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>Wilf LeBlanc</td> <td>12/16/2002</td> </tr> <tr> <td>Phil Houghton</td> <td>12/16/2002</td> </tr> <tr> <td>Kenneth Cheung</td> <td>12/16/2002</td> </tr> </tbody> </table>		Name	Execution Date	Wilf LeBlanc	12/16/2002	Phil Houghton	12/16/2002	Kenneth Cheung	12/16/2002		
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RECEIVING PARTY DATA											
<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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Application Number:	12185665										
CORRESPONDENCE DATA											
Fax Number:	(770)951-0933										
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ATTORNEY DOCKET NUMBER:	50228-1170										
NAME OF SUBMITTER:	Scott A. Horstemeyer										
Total Attachments: 5											

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**Docket No.: BP 2616.5 (14163US01)**

**ASSIGNMENT**  
**(JOINT INVENTORSHIP)**

Case No.	BP 2616.5 (14163US01)	Serial No.
Inventors:	Wilf LeBlanc Phil Houghton Kenneth Cheung	Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **Broadcom Corporation**, a(n) **California** corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **SWITCHBOARD FOR DUAL-RATE SINGLE-BAND COMMUNICATION SYSTEM**; and identified as **Case No. BP 2616.5 (14163US01)** in the offices of **McANDREWS, HELD & MALLOY, LTD.**, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, reissue or extension of such applications or patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrants himself to be (or to have been), along with any listed co-inventors, the owner(s) of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, extension, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

WITNESS my hand and seal this 16<sup>th</sup> day of December, 2002.

  
(Wilf LeBlanc)


State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2002 by \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

WITNESS my hand and seal this 16 day of Dec, 2002.

  
\_\_\_\_\_  
(Phil Houghton)


State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2002 by \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

WITNESS my hand and seal this 16 day of Dec, 2002.

  
\_\_\_\_\_  
(Kenneth Cheung)

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2002 by \_\_\_\_\_.

\_\_\_\_\_  
Notary Public