

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>Christopher J. Hansen</td><td>05/20/2004</td></tr><tr><td>Jason A. Trachewsky</td><td>05/20/2004</td></tr><tr><td>Nambirajan Seshadri</td><td>05/20/2004</td></tr><tr><td>Kelly Brian Cameron</td><td>05/24/2004</td></tr><tr><td>Hau Thien Tran</td><td>05/24/2004</td></tr><tr><td>Ba-Zhong Shen</td><td>05/24/2004</td></tr></tbody></table>		Name	Execution Date	Christopher J. Hansen	05/20/2004	Jason A. Trachewsky	05/20/2004	Nambirajan Seshadri	05/20/2004	Kelly Brian Cameron	05/24/2004	Hau Thien Tran	05/24/2004	Ba-Zhong Shen	05/24/2004
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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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CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	BP3516C1														

501671854

PATENT
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NAME OF SUBMITTER:

Kathryn A. McCrossen

Total Attachments: 3

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ASSIGNMENT

WHEREAS, the undersigned inventors, hereinafter called the "Assignors", have invented a new and useful invention entitled:

WLAN TRANSMITTER HAVING HIGH DATA THROUGHPUT

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

WHEREAS, **Broadcom Corporation**, a USA company having a principal office and place of business at, 16215 Alton Parkway Irvine California 92618-7013 hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

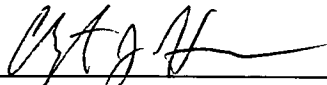
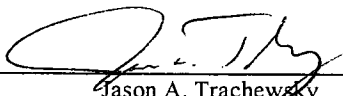
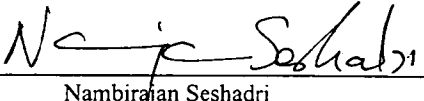
FURTHER, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional

papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below.

 _____ Christopher J. Hansen	05/20/04 _____ Date	 _____ Jason A. Trachewsky	5/20/04 _____ Date
 _____ Nambirajan Seshadri	5/20/04 _____ Date	_____ Dr. Kelly Brian Cameron	_____ Date
_____ Hau Thien Tran	_____ Date	_____ Ba-Zhong Shen, Ph.D.	_____ Date

papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

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_____ Christopher J. Hansen	_____ Date
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_____ <i>Hau T. Tran</i>	_____ <i>5/24/04</i>
Hau Thien Tran	_____ Date

_____ Jason A. Trachewsky	_____ Date
_____ <i>[Signature]</i>	_____ <i>5/24/04</i>
Dr. Kelly Brian Cameron	_____ Date
_____ <i>[Signature]</i>	_____ <i>5/24/04</i>
Ba-Zhong Shen, Ph.D.	_____ Date