Porm PTO-1595 (Rev. 09/04) OMB No. 0551-0027 (exp. 6/30/2005) U.S. Department of COMMERCE United States Patent and Tredemark Office RECORDATION FORM COVER SHEET 18022US02 **PATENTS ONLY** To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Hongwei Kong Li Fung Chang Name: Broadcom Corporation Huaiyu Zeng Internal Address: Execution Date(s) December 6, 2006 Street Address: 16215 Alton Parkway Additional name of conveying party(les) attached? 

Yes 

No 3. Nature of conveyance: City: Irvine Assignment Merger State: California Security Agreement Change of Name Country: US Government Interest Assignment Zip: 92618-3616 Executive Order 9424, Confirmatory License Additional Name(s) & address(es) attached? 

Yes 

No Other \_\_\_ Application number(s) or patent number(s): ☐ This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/610,744 Additional numbers attached? 
Yes 
No. 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning this document should be mailed: Name: Christopher C. Winslade 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: McAndrews, Held & Malloy, Ltd. Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: 500 West Madison Street Enciosed 34<sup>th</sup> Floor ■ None required (government interest not affecting title) City: Chicago 8. Payment Information State<u>: IL</u> \_\_\_\_ Zip: <u>60661</u> a. Credit Card Last 4 Numbers Phone Number: (312) 775-8000 Expiration Date \_\_\_ Fax Number: (312) 775-8100 b. Deposit Account Number 13-0017 Email Address: mbmpto@mbmlaw.com Authorized User Name McAndrews Held & Malloy, Ltd. 9. Signature : Signature Jae-hu Kim, Reg. No. 59/648 Total number of pages including coversheet, attachments, and documents Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Step Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

File No.: 18022US02 Serial No.: 11/610,744

Inventors: Hongwei Kong Filing Date: December 14, 2006

Li Fung Chang Huaiyu Zeng

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assigns to Broadcom Corporation, incorporated under the laws of the state of California, 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: "METHOD AND SYSTEM FOR DELAY LOCKED LOOP FOR RAKE RECEIVER," and identified as File No. 18022US02, 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 patents, and further assigns to said assignee the priority right provided by the International Convention.

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

Each of 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.

Each of the undersigned warrants himself/herself to be the owner 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, each of 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, re-examination, 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 each of 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 had not been made.

WITNESS my hand this 6th day of December, 2006.

Hongwei Kong

WITNESS my hand this	<u>6</u>	day of	December,2			
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MCANDREWS, HELD & MALLOY 34TH FLOOR 500 WEST MADISON STREET CHICAGO, ILLINOIS 60661

## AR0 PLEASE DELIVER RETURN RECEIPT TO: JANET SCHAFFER

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## **CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

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CLIENT:	1772	MATTER:	18022US02

Number of Pages This Transmission (Including Cover Page): 7

I hereby certify that the attached **Recordation Form Cover Sheet and Assignment** are being facsimile transmitted to the U.S. Patent and Trademark Office on January 29, 2007.

Jag-hu Kim, Esq.

Registration No. 59,648

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