Docket No. 15273US01 U.Ş. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Form PTO-1595 U.S. Patent and Trademark Office (Rev. 03/01) PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof. Name and address of receiving party(ies): Name of conveying party(ies): **Broadcom Corporation** 16215 Alton Parkway Qiang Hu Irvine, CA 92618 3. Nature of conveyance: Additional name(s) & address(es) attached? [Yes] No Merger Assignment Security Agreement Change of Name Other: ____ Execution Date: February 09, 2004 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: N/A B. Patent No.(s) A. Patent Application No.(s) 10/776,078 Additional numbers attached? Yes No Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: \$ 40.00 7. Total fee (37 CFR 3.41): Enclosed. Any excess or insufficiency should be Christopher C. Winslade, Esq. credited or debited to deposit account. McAndrews, Held & Malloy, Ltd. 34th Floor Authorized to be charged to deposit account. 500 West Madison Street Chicago, Illinois 60661 8. Deposit account number: 13-0017 DO NOT USE THIS SPACE 9. Signature. Registration No. 36,308 Date: May 18, 2004 Name of Person Signing: Christopher C. Winslade, Esq. Signature: 🤇 Total number of pages including cover sheet, attachments and document: three

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Attorney Docket No. 15273US01

ASSIGNMENT

15273US01 Case No.

Serial No. __10/776,078

Inventor:

Qiang Hu

Filing Date: February 10, 2004

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: "METHOD AND SYSTEM FOR PERFORMING REVERSE PLAY OF SD MPEG VIDEO", and identified as Case No. 15273US01 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 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 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 the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue 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 assignce,

> PATENT REEL: 014647 FRAME: 0022

Attorney Docket No. 15273US01

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 this 2th day of February 2004.

Olangtha 73

RECORDED: 05/18/2004

PATENT REEL: 014647 FRAME: 0023