

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RANDALL PERLOW	03/22/2002
CHARLES BROOKS	03/22/2002
STEVEN JAFFE	03/22/2002
TIANMIN LIU	03/25/2002
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City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92617
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11754866
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ATTORNEY DOCKET NUMBER:	106861-0505
NAME OF SUBMITTER:	CHRISTOPHER J. MCKENNA
SIGNATURE:	/Christopher J. McKenna/
DATE SIGNED:	09/14/2015
Total Attachments: 4	
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ASSIGNMENT

Case No. 13556US02

Serial No. 10/109,496

Inventor: Randall Perlow
Charles Brooks
Steven Jaffe
Tianmin Liu

Filing Date: March 28, 2002

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: **SYSTEM AND METHOD FOR TERRESTRIAL HIGH-DEFINITION TELEVISION RECEPTION** and identified as Case No. 13556US02 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.

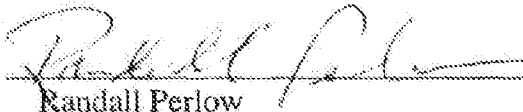
The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

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 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.

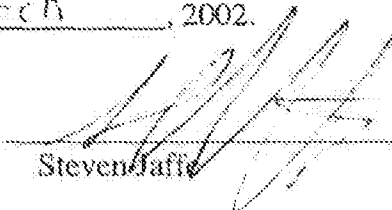
Executed this 22 day of MARCH, 2002.


Randall Perlow

Executed this 22 day of March, 2002.


Charles Brooks

Executed this 22 day of March, 2002.


Steven Jaffe

Executed this _____ day of _____, 2002.

Tianmin Liu

ASSIGNMENT

Case No. 13556US02

Serial No. 10/109,496

Inventor: Randall Perlow
Charles Brooks
Steven Jaffe
Tianmin Liu

Filing Date: March 28, 2002

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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 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.

Executed this _____ day of _____, 2002.

Randall Perlow

Executed this 7 day of April, 2002.

Charles Brooks

Executed this 2 day of April, 2002.

Steven Jaffe

Executed this 15 day of March, 2002.

Tianmin Liu

PATENT

RECORDED: 06/19/2002

REEL: 013815 FRAME: 0836

RECORDED: 09/14/2015

REEL: 036560 FRAME: 0967