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OMB No. 0551-0027 (exp. 8/30/2005)	U.S. Department of COMMER United States Patent and Trademark Off
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Name of conveying party(ies)/Execution Date(s): Jeyhan Karaoguz Marc Abrams Nambirajan Seshadri	Name and address of receiving party(les) Name: Broadcom Corporation
Execution Date(s) <u>March 23, 2005</u> Additional name of conveying party(ies) attached? ☐ Yes ⊠ N	
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment	Street Address: 16215 Alton Parkway P.O. Box 57013 City: Irvine State: California
☐ Executive Order 9424, Confirmatory License ☐ Other	Country: USA Zip: 92619-7013 Additional Name(s) & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s) 11/095,842 Additional numbers at	This document is being filed together with a new application. B. Patent No.(s) B. Patent No.(s) Tached? □ Yes ☒ No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Kevin E. Borg 51,486 Internal Address: McAndrews, Held & Mallov, LTD 34 th Floor	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card
Street Address: 500 W. Madison Dity: Chicago	 Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)
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Phone Number: 312-775-8000 ax Number: 312-775-8100 mail Address; kborg@mhmlaw.com	a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>13-0017</u> Authorized User Name <u>McAndrews Heid & Malloy, Ltd.</u>
. Signature :	
Kevin E. Borg 51,486 Name of Person Signing	May 5, 2005 Date Total number of pages including cover sheet, attachments, and documents 6

ame of Person Signing

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PATENT

ASSIGNMENT

File No.: 15726US02 Application Serial No.: 11/095,842

Inventors: Jeyhan Karaoguz

Marc Abrams Filing Date: March 30, 2005

Nambirajan Seshadri

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 REGISTERING ACCESS DEVICE MULTIMEDIA CONTENT VIA A BROADBAND ACCESS GATEWAY, and identified as File No. 15726US02 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 reissue or extension of such patents, and further assign 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 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 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

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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 23

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PATENT REEL: 016191 FRAME: 0586 WITNESS my hand this 23 rd day of March 2005.

Nambirajan Seshadri

- 5 -**RECORDED: 05/05/2005**

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