

Form PTO-1595  
(Rev. 03/01)

## RECORDATION FORM COVER SHEET

Docket No. 13773US02

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

## 1. Name of conveying party(ies):

Alexander G. MacInnis

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Broadcom Corporation  
16215 Alton Parkway  
Irvine, CA 92618Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: May 15, 2003

## 4. 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: \_\_\_\_\_

## A. Patent Application No.(s)

10/439,372

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

McAndrews, Held & Malloy, Ltd.  
34th Floor  
500 West Madison Street  
Chicago, Illinois 60661

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed. Any excess or insufficiency should be credited or debited to deposit account.☒ Authorized to be charged to deposit account.

## 8. Deposit account number:

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Name of Person Signing: Mirut P. DalalReg. No. 44.052 Date: 8/26/03Signature: Total number of pages including cover sheet, attachments and document: 7Mail documents to be recorded with required cover sheet information to:  
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PATENT

700041846

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FROM McANDREWS, HELD, & MALLOY  
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(TUE) 8.26.03 17:08/ST. 17:06/NO. 4861050774 P 6

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08/06/2003 6:03 16:40/ST. 16:39/NO. 4861050270 P 2

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Name of Person Signing: Mitul P. Datta

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Signature: \_\_\_\_\_

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**ASSIGNMENT**  
**(JOINT INVENTORSHIP)**

Case No. 13773US02

Serial No.: 10/439,372

Inventors: Alexander G. MacInnis and

Filing Date: May 16, 2003

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 assign to **BROADCOM CORPORATION**, a California corporation, having a place of business at 16215 Alton Parkway, P.O. Box 57013, Irvine CA 92619-7013, 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, METHOD, AND APPARATUS FOR DECODING FLEXIBLY ORDERED MACROBLOCKS**; and identified as Case No. 13773US02 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 applications or patents, and further assign to said assignee the priority right provided by the International Convention.

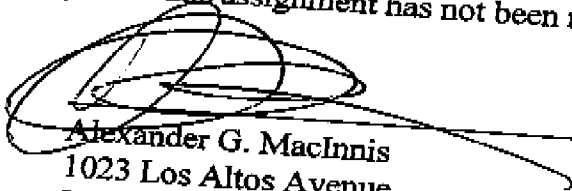
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request 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 warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, 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 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.

  
Alexander G. MacInnis  
1023 Los Altos Avenue  
Los Altos, CA 94022-1017

5/15/2002  
Date



**UNITED STATES DEPARTMENT OF COMMERCE**  
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AUGUST 08, 2003

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\*700039301A\*

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RECORDATION DATE: 08/06/2003

REEL/FRAME: 013856/0900  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MACLNNIS, ALEXANDER G.

DOC DATE: 05/15/2003

ASSIGNEE:

BROADCOM CORPORATION  
16215 ALTON PARKWAY  
IRVINE, CALIFORNIA 92618

SERIAL NUMBER: 10439372  
PATENT NUMBER:

FILING DATE: 05/16/2003  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
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FROM: Mirut P. Dalal/nwc USER ID: 8175

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I hereby certify that the attached Recordation Form Cover Sheet and Assignment is being facsimile transmitted to the United States Patent and Trademark Office on August 26, 2003.

  
Mirut P. Dalal  
Reg No. 44,052  
Attorney for Applicant

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PATENT  
Attorney Docket No. 13773US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

Alexander G. MacInnis

SERIAL NO. 10/439,372

FILED: May 16, 2003


FOR: SYSTEM, METHOD, AND  
APPARATUS FOR DECODING FLEXIBLY  
ORDERED MACROBLOCKS

GROUP ART UNIT: 2613

CERTIFICATE OF MAILING

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August 26, 2003

  
Mirut P. Dalal  
Reg. No. 44,052  
Attorney for Applicant

REQUEST FOR CORRECTED  
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Sir:

Applicant hereby requests correction of the following information set forth in the  
enclosed Notice Of Recordation Of Assignment Document (copy) issued by Assignment Branch  
of the U.S. Patent and Trademark Office on August 6, 2003, in connection with the above  
application:

**ASSIGNOR:**

Please delete "MACLNNIS" and insert --MACINNIS--

Also enclosed herewith are copies of the original Assignment recorded on August 6, 2003, at Reel 013856, Frame 0900, and of the original Recordation Form Cover (Form PTO-1595) and new Recordation Form Cover (Form PTO-1595).

Please charge any additional fees incurred in connection with this submission to Deposit Account No. 13-0017.

Respectfully submitted,



\_\_\_\_\_  
Mirut P. Dalal  
Reg. No. 44,052  
Attorney for Applicant

McANDREWS, HELD & MALLOY, LTD  
500 West Madison Street, 34th Floor  
Chicago, Illinois 60661

Telephone (312) 775-8000  
Facsimile (312) 775-8100

Dated: August 26, 2003