

RECORDATION FORM COVER SHEET

Docket No. 16339US01

PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Pieter Van Rooyen

Execution Date(s) December 13, 2004Additional name of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Broadcom Corporation

Internal Address: _____

Street Address: 16215 Alton ParkwayP.O. Box 57013City: IrvineState: CaliforniaCountry: USAZip: 926719-7013Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

11/010,743☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

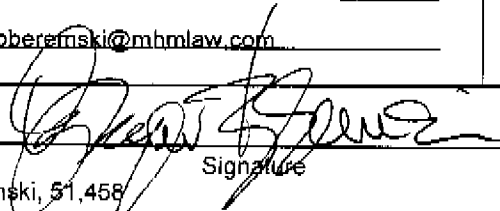
Name: Ognyan I. Beremski, 51,458Internal Address: McAndrews, Held & Malloy, LTD34th FloorStreet Address: 500 W. MadisonCity: ChicagoState: IL Zip: 60661Phone Number: 312-775-8000Fax Number: 312-775-8100Email Address: oberemski@mhmlaw.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 13-0017Authorized User Name McAndrews Held & Malloy, Ltd.

9. Signature:



Ognyan I. Beremski, 51,458

Signature

February 17, 2005

Date

Total number of pages including cover sheet, attachments, and documents

4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5895, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

Case No. 16339US01

Serial No.: 11/010,743

Inventor: Pieter Van Rooyen

Filing Date: 12/13/2004

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 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 **METHOD AND SYSTEM FOR CELLULAR NETWORK SERVICES AND AN INTELLIGENT INTEGRATED BROADCAST TELEVISION DOWNLINK HAVING INTELLIGENT SERVICE CONTROL WITH FEEDBACK** and identified as **Case No. 16339US01** 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

Attorney Docket No. 16339US01

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.

 12/13/08
Pieter Van Rooyen Date

McANDREWS, HELD & MALLOY, LTD.

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34th Floor

Chicago, Illinois 60661

Telephone: **(312) 775-8000**

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FAX COVER LETTER

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FROM: Ognyan I. Beremski User ID.: 8176

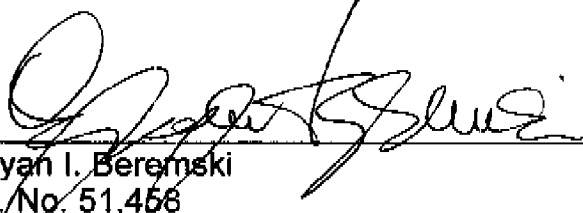
DATE: February 17, 2005

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CHARGE: 1772-16339US01

Number of Pages This Transmission (Including Cover Page) **4**

I hereby certify that the attached Recordation Form Cover Sheet (1) and Assignment of Rights (2) are being facsimile transmitted to the United States Patent and Trademark Office on **February 17, 2005**.


Ognyan I. Beremski
Reg. No. 51,456

If you have problems receiving this facsimile transmission, please contact Wendy Schultz (**Ext. 8184**) at the above number.

ARO: PLEASE DELIVER RETURN RECEIPT TO WSCHULTZ