

10-15-2004

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To the Director of the U.S. Patents and

ments or the new address(es) below.

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

Timothy M. Hellman

Execution Date(s) August 12, 2004

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

2. Name and address of receiving party(ies)

Name: Broadcom Advanced Compression Group, LLC

Internal Address: \_\_\_\_\_

Street Address: 200 Brickstone Square

Suite 401

City: Andover

State: MA

Country: USA Zip: 01810

Additional 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)  
10/885,177

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: Mirut P. Dalal

Internal Address: McAndrews Held & Malloy, Ltd.

34th Floor

Street Address: 500 West Madison

City: Chicago

State: IL Zip: 60661

Phone Number: 312-775-8000

Fax Number: 312-775-8100

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. 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 13-0017

Authorized User Name \_\_\_\_\_

9. Signature :

Ronald Spuhler

Signature

10-7-04

Date

Ronald H. Spuhler Reg. No. 52,245

Total number of pages  
sheet, attachments, and documents

6

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/14/2004 6TOM11 00000083 130017 10885177  
01 FC:8021 40.00 DA

PATENT  
REEL: 015880 FRAME: 0887

ASSIGNMENT

Inventor: Timothy M. Hellman      Serial No.: <sup>10/885,177</sup> ~~Not yet assigned~~      Filing Date: 07/06/2004

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 Advanced Compression Group, LLC, a Delaware limited liability company, 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: CONTEXT ADAPTIVE VARIABLE LENGTH CODE DECODER FOR DECODING MACROBLOCK ADAPTIVE FIELD/FRAME CODED VIDEO DATA, U.S. Application Serial No. 10/885,177, bearing docket number 15752US02, filed July 6, 2004, and in a provisional application filed in the United States Patent and Trademark Office as Serial No. 60/573,107 on May 21, 2004, and in said applications 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 assigns 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 bearing docket number 15752US02 to insert in this assignment the filing date and serial number of said application when officially known, if applicable.

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 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 documents 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 to vest all rights 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 and seal this 12 day of August, 2004.

  
\_\_\_\_\_  
Timothy M. Hellman