

07-16-1998

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To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

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1. Name of conveying party(ies):

Wade L. Heimbigner, James A. Hutchison, IV,  
and Louis D. Oliveria

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

2. Name and address of receiving party(ies)

Name: QUALCOMM Incorporated

Internal Address:

Street Address: 6455 Lusk Blvd.

City: San Diego State: CA ZIP: 92121

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: June 19, 1998

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)

U.S. Serial No. 08/989,743 filed on  
December 12, 1997

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Danielle L. Miller  
Name: QUALCOMM Incorporated

Internal Address:

Street Address: 6455 Lusk Blvd.

City: San Diego State: CA ZIP: 92121

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

17-0026

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles D. Brown, Reg. No. 28,285

Name of Person Signing

*Charles D. Brown*

Signature

June 22, 1998

Date

Total number of pages including cover sheet, attachments, and document:

4

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we, **WADE L. HEIMBIGNER**, a citizen of the United States of America having a place of residence at 13210 Ridgedale Drive, Poway, California 92064, **JAMES A. HUTCHISON, IV**, a citizen of the United States of America having a place of residence at 2013 Cardinal Drive, San Diego, California 92123, and **LOUIS D. OLIVEIRA**, a citizen of Pakistan having a place of residence at 11846 Ramsdell Court, San Diego, California 92131, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **AUDIO CODEC WITH AGC CONTROLLED BY A VOCODER** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on December 12, 1997, and assigned Serial No. 08/989,743, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.



  
JAMES A. HUTCHISON, IV

CANALE  
 COMM.  
 RIFORMA PUBBL. C.  
 S. 17  
 by Comm.

Darwin M. Lagnado  
Notary Public

  
\_\_\_\_\_  
LOUIS D. OLIVEIRA

OCTOBER 1972  
 NOTARY PUBLIC  
 San Diego  
 My Comm. Expires

Darwin M. Legnado  
Notary Public