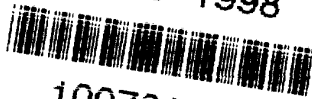


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To the Honorable Commissions.

Y  
1 the attached original documents or copy thereof.

1. Name of conveying party(ies):

David Nghiem

Name and address of receiving party(ies)

Name: QUALCOMM Incorporated

Internal Address:

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

Street Address: 6455 Lusk Blvd.

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

City: San Diego State: CA ZIP: 92121

Execution Date: November 3, 1997

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

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. 08/825,543 filed on March 31, 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)

DO NOT USE THIS SPACE

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.

Gregory D. Ogrod, Reg. No. 30,880

Name of Person Signing

*Gregory D. Ogrod*  
Signature

May 5, 1998

Total number of pages including cover sheet, attachments, and document: 3

PATENT

3

Mail documents to be recorded with required cover sheet information to:

08/825543  
0000075 1002  
06/04/1998 10:17 AM  
40.00 CH

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I **DAVID NGHIEM**, a citizen of the United States of America having a place of residence at 14806 Windcave Lane, Houston, Texas 77040; 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 **INCREASED BANDWIDTH PATCH ANTENNA** by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 31, 1997, and assigned Serial No. 08/825,543, 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Houston, Texas this 3<sup>rd</sup> day of November, 1997.

David Nghiem  
DAVID NGHIEM

STATE OF TEXAS            )  
  ) ss.  
COUNTY OF Harris        )

On Nov. 3, 1997 before me, the undersigned, a Notary Public in and for said State, personally appeared DAVID NGHIEM, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Joe Ann Rinehart  
Notary Public

(seal)

