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02-22-2002

FICE

Form PTO-1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101989292  
PATENTS ONLY

IEET

Docket No. 091-0108

2/6/02

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

1. Name of conveying party(ies):

BACH, SUSAN E.  
LOHEIT, KURT  
HIRAMOTO, REMY O.

Additional name(s) of conveying party(ies) attached? yes no

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

(2a.)  
Name: THE BOEING COMPANY  
Address: Office of the General Counsel  
P.O. Box 3707, MC 13-08  
City: Seattle State: WA Zip Code: 98124-2207

11002 U.S. PTO  
10/071954  
02/06/02

3. Name of Conveyance:

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

Execution Date: January 8, 2002

(2b.)

Name \_\_\_\_\_  
Address: \_\_\_\_\_

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: January 8, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached yes no

10/071954

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

Name: Michael A. Shimokaji  
DiPINTO & SHIMOKAJI, P.C.  
Address: 1301 Dove Street  
Suite 480  
City: Newport Beach State: CA Zip Code: 92660

27431

(Insert Customer Number)

6. Total number of applications and patents involved: one

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

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 50-0851

(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.

Michael A. Shimokaji  
Name of Person Signing

*Michael A. Shimokaji*  
Signature

2/6/02  
Date

Total number of pages comprising cover sheet, attachments and document: 2

12/21/2002 DBYRHE

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

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

PATENT  
REEL: 012586 FRAME: 0276

ASSIGNMENT


WHEREAS, Susan E. Bach, residing at Redondo Beach, California; Kurt W. Loheit, residing at Rancho Palos Verdes, California; Remy O. Hiramoto, residing at Hermosa Beach, California; Daniel H. Koyama, residing at Torrance, California; Suzanne E. Kubasek, residing at El Segundo, California; and Craig Schultz, residing at Fremont, California (hereinafter "Assignor") has invented certain new and useful improvements in **HIGH SPEED QPSK MMIC AND QAM MODULATOR** (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

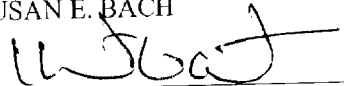
AND WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at Seattle, King County, Washington, with a mailing address of Post Office Box 3707, M/S 13-08, Seattle, Washington 98124-2207, US, (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of said United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, US and its foreign counterparts to issue said LETTERS PATENT when granted, in accordance with this assignment.


Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

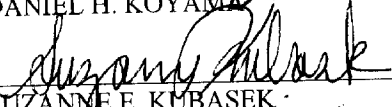
IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of January, 2002

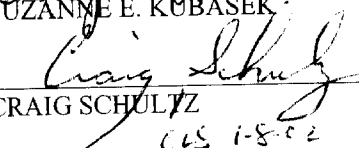
  
\_\_\_\_\_  
SUSAN E. BACH

  
\_\_\_\_\_  
KURT W. LOHEIT

  
\_\_\_\_\_  
REMY O. HIRAMOTO

  
\_\_\_\_\_  
DANIEL H. KOYAMA

  
\_\_\_\_\_  
SUZANNE E. KUBASEK

  
\_\_\_\_\_  
CRAIG SCHULTZ  
CUS 1-8-02