

04-19-2004

U.S. DEPARTMENT OF COMMERCE



COVER SHEET ONLY

PATENT AND TRADEMARK OFFICE

102724684

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

17548 U.S. P.O. 10/821376



040804

1. Name of conveying parties:

(a) Albert E. Cosand

4.8.04

(b)

(c)

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party:

Name: The Boeing Company

Street Address: 100 N. Riverside

City: Chicago State: Illinois 60606-1596

Country: U.S.A.

Additional name(s) of receiving party(ies) attached?

Yes No

3. Nature of Conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: 04/08/2004

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

10821376

If this document is being filed together with a new application, the execution date of the application is: 04/08/2004

A. Patent Application No.(s) -

Title: Subranging Analog-To-Digital Converter With Integrating Sample-And-Hold

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jon W. Hallman

Internal Address: MACPHERSON, KWOK CHEN & HEID LLP

Street Address: 1762 Technology Drive, Suite 226

City San Jose State CA Zip 95110

6. Total number of applications and patents involved: One

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

Authorized to be charged to Deposit Account 50-2257.

Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid

DO NOT USE THIS SPACE

8. 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.

Jon W. Hallman 42.622
Name of Person Signing

Jon W. Hallman
Signature

April 8, 2004
Date

Total number of pages comprising cover sheet: 2

04/16/2004 ECODDER 00000236 502257 10821376

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ASSIGNMENT

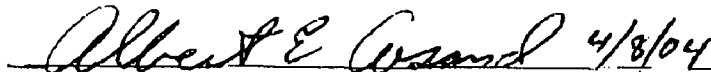
WHEREAS, Albert E. Cosand, residing at Agoura Hills, California; (hereinafter "Assignor") have invented certain new and useful improvements in Subranging Analog-To-Digital Converter With Integrating Sample-And-Hold (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, US (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the 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, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee the entire right, title and interest in and to the 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 the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights 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 the 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. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the 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, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and 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 invention, and for maintaining and perfecting the Assignee's right to the invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.


 Albert E. Cosand (date) 4/8/04