

03-31-2009



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To the Director of the U.S. Patent

103554513

3 documents or the new address(es) below.

1. Name of conveying party:

Michael Dominic Keane

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

2. Name and address of receiving party

Name: Analog Devices, Inc.

Internal Address: _____

Street Address: _____

One Technology Way
P.O. Box 9106

City: Norwood

State: Massachusetts

Country: United States of America Zip: 02062-9106

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): March 6, 2009

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/982,641

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Steven J. Henry
WOLF, GREENFIELD & SACKS, P.C.

Internal Address: _____

Street Address: Federal Reserve Plaza
600 Atlantic Avenue

City: Boston

State: MA Zip: 02210-2206

Phone Number: 617.646.8000

Fax Number: 617.646.8646

Email Address: shenry@wolfgreenfield.com

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 _____

Authorized User Name _____

9. Signature:

Signature

March 25, 2009

Date

Steven J. Henry - 27,900

Name of Person Signing

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

6

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 25, 2009

Signature:

(Steven J. Henry)

ASSIGNMENT

THIS ASSIGNMENT is made between

Michael D. Keane, an Irish citizen of Cill Chuile, Castleroberts, Adare, County Limerick, Ireland (hereinafter referred to as the "Inventor", which expression shall include his successors and assigns where the context so requires or admits) of the one part and

ANALOG DEVICES, INC., a Massachusetts corporation having a place of business at One Technology Way, Norwood, Massachusetts 02062 U.S.A. (hereinafter referred to as the "Assignee", which expression shall include its successors and assigns and subsidiaries where the context so requires or admits) of the other part.

WHEREAS

(a) The Inventor has made certain inventions or discoveries (or both) set forth in an application for Letters Patent as set forth in the Schedule hereto;

(b) The Inventor is, or was at the time the invention was made, an employee of the Assignee or was under contractual obligation with the Assignee, and made the said inventions and/or discoveries in the course of carrying out his duties as such employees or contractual duties;

(c) The Inventor agrees that the said duties were such that the same inventions and/or discoveries might reasonably be expected to result therefrom and that in consideration of such employment or contract his interest in and to the said inventions and or discoveries is held in trust for and is the absolute property of Assignee or whomsoever Assignee may nominate; and

(d) The Assignee has requested the Inventor agree to execute the ratification of assignment hereinafter contained.

NOW THIS DEED WITNESSETH that in consideration of the premises and of the sum of Ten Euro (€10) the receipt of which is hereby acknowledged and without reservations:

1. The Inventor hereby assigns, transfers and conveys unto the Assignee the entire right and title and interest in and to the said inventions and/or discoveries, the said application for Letters Patent and any and all other applications for Letters Patent or otherwise on the said inventions and/or discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation applications and applications under the International (Paris) Convention, European Patent Convention, Patent Cooperation Treaty, Community Patent Convention, or otherwise, based in whole or in part upon said inventions and/or discoveries, or upon the said application, and in and to any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and/or discoveries or upon the said application, and every priority right that is or may be predicated upon or arise from said inventions and/or discoveries, said application and Letters Patent;
2. The Inventor hereby authorizes the Assignee to file and assents to the Assignee filing patent applications in any or all countries on any or all of said inventions and/or discoveries in the name of the Inventor or in the name of the Assignee or otherwise as Assignee may deem advisable, under the terms of the International (Paris) Convention, European Patent Convention, Patent Cooperation Treaty, Community Patent Convention or otherwise;
3. The Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and the official empowered by all other governments and under the aforesaid Conventions, Treaties or otherwise, to issue or transfer all said Letters Patent to the Assignees.

4. The Inventor hereby warrant that he has not knowingly conveyed to others any right in the said inventions and/or discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions and/or discoveries; and that the Inventor has good right to assign the same unto Assignee without encumbrance;

5. The Inventor hereby bind his heirs, legal representatives and assigns, as well as himself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to him or to the Assignee, all acts reasonably serving to assure that the said inventions and/or discoveries, the said patent application and the said Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the Inventor, his heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to the Assignee all lawful application documents including petitions, specifications, oaths, powers of attorney, and all assignments, disclaimers and lawful affidavits in form and substance as may be required by the Assignee; to communicate to the Assignee all facts known to the Inventor relating to said inventions and/or discoveries or the history thereof; and to furnish the Assignee with any and all documents, photographs, models, samples and other physical exhibits in the Inventor's control or in the control of his heirs, legal representatives or assign which may be useful for establishing the facts of the conceptions, disclosures, and reduction to practice of said inventions and/or discoveries.

THE SCHEDULE ABOVE REFERRED TO

<u>Attorneys File</u>	<u>U.S. Appln. Number</u>	<u>Filing Date</u>	<u>Title</u>
H0682.70033US00	<u>11/982,641</u>	<u>11/02/2007</u>	A multiplexing circuit

Permission is hereby granted to Wolf, Greenfield & Sacks, P.C. to enter any identifying information missing in said schedule.

IT IS HEREBY CERTIFIED that the transaction hereby effected does not form part of a larger transaction or a series of transactions in respect of which the amount or values or the aggregate amount or value of the consideration exceeds 1000 EURO (one thousand EURO).

IN WITNESS WHEREOF THE
Michael D. Keane
has executed this Assignment

this 6th day of MARCH, 2009

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)
)
Michael D. Keane
Inventor Signature

In the presence of

Nicole McJim
Witness

Michael Hennessy
Witness

Signed on behalf of the
said ANALOG DEVICES, INC

this 13th day of March, 2009

)
)
)
Jason Feriallo
Name: Jason Feriallo
Title: Assistant Secretary