

RE

11-19-2003



HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

102604208

SIR:

11-17-03

PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF.

1. NAME OF CONVEYING PARTY(IES)

William Andrew Nevin
Colin Stephen Gormley

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

2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)

ANALOG DEVICES, INC.
One Technology Way
Norwood, MA 02062

Additional name(s) of receiving party(ies) attached? No

3. NATURE OF CONVEYANCE

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

Execution Dates: 9/22/03

OFFICE OF THE
2003 NOV 17 AM 11:13
FINANCE SECTION

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): 10/699,503

B. Patent No(s):

C. Issue Batch No.:

D. Issue Date:

Additional numbers attached? No.

5. NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE CONCERNING DOCUMENT
SHOULD BE DIRECTED:

Matthew E. Connors
Samuels, Gauthier & Stevens LLP
225 Franklin Street, Suite 3300
Boston, Massachusetts 02110
(617) 426-9180, Extension 112

6. TOTAL NUMBER OF APPLICATIONS
AND PATENTS INVOLVED: 1

7. TOTAL FEE DUE: \$40.00 (Enclosed)

If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Order Account noted in item 8.

8. DEPOSIT ACCOUNT NUMBER: 19-0079

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.

Matthew E. Connors
Name of Person Signing

Matthew E. Connors
Signature

11/14/03
Date

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop: Assignment Recordation Services.

00000162 10699503
11/14/03

Date

Deborah M. Costello
Deborah M. Costello

11/18/2003 GT0N11
01 FC:8021

PATENT
REEL: 014697 FRAME: 0580

ASSIGNMENT

THIS ASSIGNMENT is made BETWEEN

WILLIAM ANDREW NEVIN, a British subject of 9 Old Gilford Road, Portadown, County Armagh, Northern Ireland BT63 5LS, of the First Part , AND

COLIN STEPHEN GORMLEY, a British subject of 16 Sharman Way, Stranmillis, Belfast BT9 5FU, Northern Ireland, of the Second Part (hereinafter referred to as the "Inventors", which expression shall include their successors and assigns where the context so requires or admits)

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 Third Part.

WHEREAS

- (a) The Inventors have made certain inventions or discoveries (or both) set forth in an application for Letters Patent as set forth in the Schedule hereto;
- (b) The Inventors are, or were at the time the invention was made, employees 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 their duties as such employees or contractual duties;
- (c) The Inventors agree 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 their interest in and to the said inventions and/or discoveries is held in trust for and is the absolute property of the Assignee or whomsoever the Assignee may nominate; and
- (d) The Assignee had requested the Inventors agree to execute the ratification of assignment hereinafter contained.

NOW THIS DEED WITNESSETH that in consideration of the premises and without reservations:

1. The Inventors hereby assign, transfer and convey 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 Inventors hereby authorize the Assignee to file and assent 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 the 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 Inventors hereby authorize and request 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 Assignee.
4. The Inventors hereby warrant that they have 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 Inventors have good right to assign the same unto the Assignee without encumbrance;
5. The Inventors hereby bind their heirs, legal representatives and assigns, as well as themselves, to do, upon the Assignee's request and at the Assignee's expense, but without additional consideration to them 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 Inventors, their 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 Inventors 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 Inventors' control or in the control of their heirs, legal representatives or assigns 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

Attorneys File	U.S. Appln. Number	Filing Date	Title
7335	10/699,503	10/31/03	"A method for forming a filled trench in a semiconductor layer of a semiconductor substrate, and a semiconductor substrate with a semiconductor layer having a filled trench therein"

Permission is hereby granted to Samuels, Gauthier & Stevens, LLP. 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 Ten Thousand Euro (€10,000).

IN WITNESS WHEREOF the parties hereto have set their hand.

SIGNED by the said

WILLIAM ANDREW NEVIN

Andrew Nevin

WILLIAM ANDREW NEVIN

in the presence of:

[Signature]

[Signature]

(WITNESSES)

this 22nd day of September 2003

SIGNED by the said

COLIN STEPHEN GORMLEY

Colin Gormley

COLIN STEPHEN GORMLEY

in the presence of:

[Signature]

[Signature]

(WITNESSES)

this 22nd day of September 2003

Signed for and on behalf of

ANALOG DEVICES, INC.

BY: [Signature]

Name: William A. Wise

CAPACITY: Assistant Clerk

in the presence of:

[Signature]

[Signature]

(WITNESSES)

BY: _____

Name: _____

CAPACITY: _____

(WITNESSES)

this day of 2003