
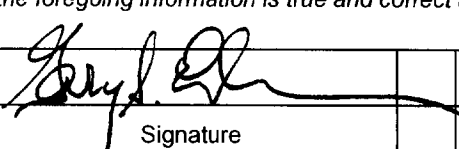


RECOR	05-30-2001	EET		
FORM PTO-1595 U.S. (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	 101733801	DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Commissioner for Patents : Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Patrick Michael Mitchell Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: May 16, 2001	2. Name and address of receiving party(ies) Name: Analog Devices, Inc. Internal Address: Norwood, Massachusetts USA Street Address: One Technology Way Norwood, Massachusetts 02062 USA Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s)</td> <td style="width: 50%;">B. Patent No.(s) 6,230,119</td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			A. Patent Application No.(s)	B. Patent No.(s) 6,230,119
A. Patent Application No.(s)	B. Patent No.(s) 6,230,119			
5. Name and address of party to whom correspondence Concerning document should be mailed: Name: Steven J. Henry, Reg. No. 27,900 Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account The Commissioner is authorized to charge: 8. Deposit Account No: 23/2825			
DO NOT USE THIS SPACE				
9. Statement and signature <i>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.</i>				
Gary S. Engelson, Reg. No. 35,128		May <u>22</u> , 2001		
Name of Person Signing	Signature	Date		
Total number of pages including cover sheet, attachments, and document: [5]				

Mail documents to be recorded with required cover sheet information to:
 Box Assignment
 Honorable Commissioner of Patents,
 Washington, D.C. 20231

ASSIGNMENT

THIS ASSIGNMENT is made BETWEEN

PATRICK MICHAEL MITCHELL of Carrigeeval, Ballyvalley, Killaloe, County Clare, Ireland (hereinafter referred to as the "Inventor", which expression shall include his successors and assigns where the context so requires or admits) of the First 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 Second 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) It has been deemed expedient by the Inventor and the Assignee that the said application for Letters Patent should be assigned to Analog Devices Inc.; and
- (c) The Inventor and the Assignee hereby agree for the Inventor to assign, transfer and convey unto the Assignee his entire right in and to the said application for Letters Patent and in and to the inventions or discoveries (or both) in connection with the United States of America.

NOW THIS DEED WITNESSETH that in consideration of the premises 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 in connection with the United States of America, the said application for Letters Patent and any and all other applications for Letters Patent or otherwise on the said Inventions and/or discoveries resulting from the said application for Letters Patent, including all divisional, renewal, substitute and continuation applications 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.

2. The Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to the Assignee.

3. The Inventor hereby warrants 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 the Assignee without encumbrance;

4. The Inventor hereby binds his heirs, legal representatives and assigns, as well as himself, 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 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 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
G0631/7002	09/019,789	Feb 6, 1998	"Integrated circuit with embedded emulator and emulation system for use with such an integrated circuit"

IN WITNESS WHEREOF the parties hereto have set their hand.

SIGNED by the said

PATRICK MICHAEL MITCHELL

in the presence of:

Pat Mitchell

Brian O'Mara

PATRICK MICHAEL MITCHELL

(WITNESSES)

this 16 day of May 2001

Signed for and on behalf of

ANALOG DEVICES, INC.

in the presence of:

BY: Liam O'Shea

Brian O'Mara

Name: TRENT MIAO

CAPACITY: PHD

(WITNESSES)

BY: _____

Name: _____

CAPACITY: _____

(WITNESSES)

this 16 day of MAY 2001

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 Five thousand Irish Pounds (IR£5,000).

Signed for and on behalf of
ANALOG DEVICES, INC.

BY: [Signature]
Name: Tracy Miao
CAPACITY: PLD

BY: [Signature]
Name: PA7 MITCHELL
CAPACITY: MD. ACCUTRON

this 16 day of May, 2001

in the presence of:

[Signature]

(WITNESSES)

[Signature]

(WITNESSES)