

05-19-2003



102450579
RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New S-12-03

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
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Conveyance Type

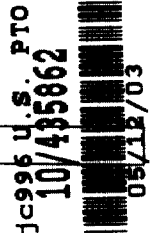
Assignment 10435862 Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File



Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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05/16/2003 GTDM11 00000069 10435862
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Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

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Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was executed

Month	Day	Year
May	7	2003

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Joseph S. Iandiorio

Name of Person Signing

Signature

5/12/03

Date

RECORDATION FORM COVER SHEET
CONTINUATION
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FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

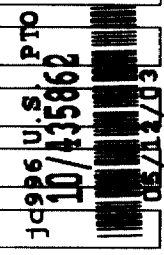
Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Paul Ferguson, Jr.
Name (line 2)
Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year
05/07/2003
Execution Date
Month Day Year
Execution Date
Month Day Year



Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
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Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

For valuable consideration, we, Thomas James Barber, Jr., residing at 26 Farm Road, Bolton, MA 01740, Stacy Ho, residing at 773 Louis Pasteur Drive #433, San Antonio, TX 78229 and Paul Ferguson, Jr., residing at 69 Heath Road, North Andover, MA 01845 (hereinafter "the Assignors"), hereby assign to Analog Devices, Inc., a Massachusetts corporation having its principal place of business at Three Technology Way, Norwood, MA 02062, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on even date herewith entitled

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this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, we hereto set our hands and seals at Middlesex

this 7th day of MAY, 2003.

[Signature]
Thomas James Barber, Jr.

[Signature]
Stacy Ho

[Signature]
Paul Ferguson, Jr.

State of Massachusetts }
County of Middlesex }

Before me this 7th day of MAY, 2003, personally appeared Thomas James Barber, Jr., Stacy Ho, and Paul Ferguson, Jr., known to me to be the persons whose names are subscribed to the foregoing assignment and acknowledged that they executed the same as their free act and deed for the purposes therein contained.

[Notary's seal here]

[Signature]
Notary Public
My commission expires: 2/4/04

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JSI:ci