

Docket No.: AD-493J

FORM PYO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 6/31/2002)
POBA/REV04

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

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To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

1. Etienne Gerard Moulin
2. David Paul Smith
3. Shuang Jin
4. Alberto Sanchez

Additional names(s) of conveying party(ies) Yes No

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

Execution Date(s): April 23, 2008

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

2. Name and address of receiving party(ies):

Name: Analog Devices, Inc.Address: Three Technology WayCity: NorwoodState/Prov.: MACountry: US ZIP: 02062Additional name(s) & address(es) Yes No

4. Application or patent numbers(s):

A. Patent Application No. (s)

11/906,394 This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David W. PoirierRegistration No.: 43,007Address: Iandiorio Teska & Coleman260 Bear Hill RoadCity: WalthamState/Prov.: MACountry: US ZIP: 02451Phone Number: 781-890-5678Fax Number: 781-890-1150Email Address: dpoirier@iandiorio.com6. Total number of applications and patents involved: 17. 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 09-0002Authorized User Name David W. Poirier

9. Signature:



Signature

May 21, 2008

Date

David W. Poirier

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 11

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

700372089

REEL: 020998 FRAME: 0922

CH \$40.00 090002 11906394

Docket No.: AD-493J

RECORDATION FORM COVER SHEET – Continuation Sheet

1. Name of conveying party(ies):

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

5. Michael Anthony Ashburn, Jr.
6. Stephen William Harston

April 28, 2008
April 24, 2008

ASSIGNMENT

For valuable consideration, we, Michael Anthony Ashburn, Jr., residing at 6 Allison Park, Groton, MA 01450; and Stephen William Harston, residing at 56 Carmel Road, Andover, MA 01810; Etienne Gerard Moulin, residing at 29 Cherlyn Drive, Northborough, MA 01532; Shuang Jin, residing at 26 Gould Road, Andover, MA 01810; Meghan C. Kaiserman, residing at 25 Peabody Street, Middleton, MA 01949; Alberto Sanchez, residing at Avda Santos Patronos n37 pta 20, Alzira 46600, Valencia, Spain; and David Paul Smith, residing at 35 Alvern Road, Pembroke, MA 02359 (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 Application Serial No. 11/906,394, filed on October 2, 2007, entitled

INTEGRATED ENERGY METERING SYSTEM

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 Wilmington
(city, town)
this 23 day of April, 2008.

Michael Anthony Ashburn, Jr.
Michael Anthony Ashburn, Jr.

Etienne Gerard Moulin
Etienne Gerard Moulin

Meghan C. Kaiserman
Meghan C. Kaiserman

David Paul Smith
David Paul Smith

Stephen William Harston
Stephen William Harston

Shuang Jin
Shuang Jin

Alberto Sanchez
Alberto Sanchez

Commonwealth of MASSACHUSETTS }

County of MIDDLESEX }

Before me this 23 day of April, 2008, personally appeared Michael Anthony Ashburn, Jr., proved to me through satisfactory evidence of identification, which were , Stephen William Harston, proved to me through satisfactory evidence of identification, which were , Etienne Gerard Moulin, proved to me through satisfactory evidence of identification, which were , Shuang Jin, proved to me through satisfactory evidence of identification, which were , Meghan C. Kaiserman, proved to me through satisfactory evidence of identification, which were , Alberto Sanchez, proved to me through satisfactory evidence of identification, which were , and David Paul Smith, proved to me through satisfactory evidence of identification, which were , 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]

Tracy Ann Harvey
Notary Public
My commission expires:



MASSACHUSETTS SIGNATURE WITNESSING

Gov. Exec. Ord. #465 (03-13), §5(f)

Commonwealth of Massachusetts }
County of Middlesex } ss.

On this the 23 day of April, 2008, before me,
Day Month Year

Tracy Ann Harvey, the undersigned Notary Public,
Name of Notary Public

personally appeared David Smith,
Name(s) of Signer(s)

proved to me through satisfactory evidence of identity, which was/were
personally known
Description of Evidence of Identity

to be the person(s) whose name(s)
was/were signed on the preceding or
attached document in my presence.

Tracy Ann Harvey
Signature of Notary Public
Tracy Ann Harvey
Printed Name of Notary

My Commission Expires _____

for patent
atty. docket #
AD-4935



Place Notary Seal and/or Any Stamp Above

OPTIONAL

Although the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

patent form

Title or Type of Document: integrated energy modeling system

Document Date: 4/23/08 Number of Pages: 2

Signer(s) Other Than Named Above: [Signature]

Right Thumbprint of Signer

Top of thumb here

ASSIGNMENT

For valuable consideration, we, Michael Anthony Ashburn, Jr., residing at 6 Allison Park, Groton, MA 01450; and Stephen William Harston, residing at 56 Carmel Road, Andover, MA 01810; Etienne Gerard Moulin, residing at 29 Cherlyn Drive, Northborough, MA 01532; Shuang Jin, residing at 26 Gould Road, Andover, MA 01810; Meghan Constance Baker, residing at 25 Peabody Street, Middleton, MA 01949; Alberto Sanchez, residing at Avda Santos Patronos n37 pta 20, Alzira 46600, Valencia, Spain; and David Paul Smith, residing at 35 Alvern Road, Pembroke, MA 02359 (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 Application Serial No. 11/906,394, filed on October 2, 2007, entitled

INTEGRATED ENERGY METERING SYSTEM

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 (s) _____ (city, town) this (s) _____ day of (s) _____, 2007.

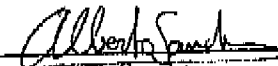
(s) _____
Michael Anthony Ashburn, Jr.

(s) _____
Stephen William Harston

(s) _____
Etienne Gerard Moulin

(s) _____
Shuang Jin

(s) _____
Meghan Constance Baker

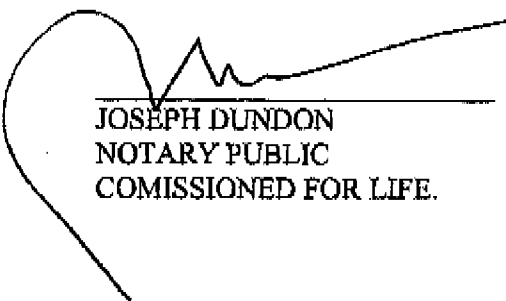
(s) 
Alberto Sanchez
23 April 2008

(s) _____
David Paul Smith

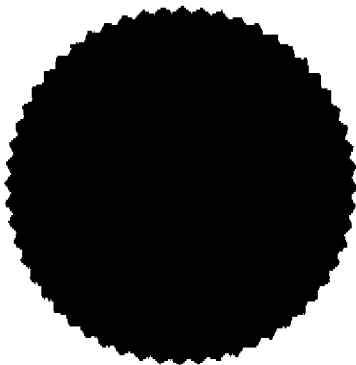
REPUBLIC OF IRELAND

CITY OF LIMERICK

Before me this 23rd day of April 2008, personally appeared before me **Alberto Sanchez**, proved to me through satisfactory evidence of identification which were
..Spanish Passport No: A3412949..
 To be the person whose name is subscribed to the foregoing assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



 JOSEPH DUNDON
 NOTARY PUBLIC
 COMISSIONED FOR LIFE.



ASSIGNMENT

For valuable consideration, we, Michael Anthony Ashburn, Jr., residing at 6 Allison Park, Groton, MA 01450; and Stephen William Harston, residing at 56 Carmel Road, Andover, MA 01810; Etienne Gerard Moulin, residing at 29 Cherlyn Drive, Northborough, MA 01532; Shuang Jin, residing at 26 Gould Road, Andover, MA 01810; Meghan C. Kaiserman, residing at 25 Peabody Street, Middleton, MA 01949; Alberto Sanchez, residing at Avda Santos Patronos n37 pta 20, Alzira 46600, Valencia, Spain; and David Paul Smith, residing at 35 Alvern Road, Pembroke, MA 02359 (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 Application Serial No. 11/906,394, filed on October 2, 2007, entitled

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In Witness Whereof, we hereto set our hands and seals at Wilmington
(city, town)
this 28 day of April, 2008.

[Signature]
Michael Anthony Ashburn, Jr.

[Signature]
Stephen William Harston

[Signature]
Etienne Gerard Moulin

[Signature]
Shuang Jin

[Signature]
Meghan C. Kaiserman

[Signature]
Alberto Sanchez

[Signature]
David Paul Smith

Commonwealth of Massachusetts }

County of Middlesex)

Before me this 28 day of April, 2007, personally appeared Michael Anthony Ashburn, Jr., proved to me through satisfactory evidence of identification, which were personally known, Stephen William Harston, proved to me through satisfactory evidence of identification, which were personally known, Erienne Gerard Moulin, proved to me through satisfactory evidence of identification, which were personally known, Shuang Jin, proved to me through satisfactory evidence of identification, which were personally known, Meghan Constance Baker, proved to me through satisfactory evidence of identification, which were personally known, Alberto Sanchez, proved to me through satisfactory evidence of identification, which were personally known, and David Paul Smith, proved to me through satisfactory evidence of identification, which were personally known, 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]

Tracy Ann Harvey
 Notary Public
 My commission expires:



ASSIGNMENT

For valuable consideration, we, Michael Anthony Ashburn, Jr., residing at 6 Allison Park, Groton, MA 01450; and Stephen William Harston, residing at 56 Carmel Road, Andover, MA 01810; Etienne Gerard Moulin, residing at 29 Cherlyn Drive, Northborough, MA 01532; Shuang Jin, residing at 26 Gould Road, Andover, MA 01810; Meghan C. Kaiserman, residing at 25 Peabody Street, Middleton, MA 01949; Alberto Sanchez, residing at Avda Santos Patronos n37 pta 20, Alzira 46600, Valencia, Spain; and David Paul Smith, residing at 35 Alvern Road, Pembroke, MA 02359 (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 Application Serial No. 11/906,394, filed on October 2, 2007, entitled

INTEGRATED ENERGY METERING SYSTEM

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 Wilmington,
(City, State)
 this 24 day of April, 2008.

Michael Anthony Ashburn, Jr.

S.W. Harston
 Stephen William Harston

Etienne Gerard Moulin

Shuang Jin

Meghan C. Kaiserman

Alberto Sanchez

David Paul Smith

Commonwealth of Massachusetts }
County of Middlesex }

Before me this 24 day of April, 2008, personally appeared Michael Anthony Ashburn, Jr., proved to me through satisfactory evidence of identification, which were personally known by me, Stephen William Harston, proved to me through satisfactory evidence of identification, which were _____, Etienne Gerard Moulin, proved to me through satisfactory evidence of identification, which were _____, Shuang Jin, proved to me through satisfactory evidence of identification, which were _____, Meghan Constance Baker, proved to me through satisfactory evidence of identification, which were _____, Alberto Sanchez, proved to me through satisfactory evidence of identification, which were _____, and David Paul Smith, proved to me through satisfactory evidence of identification, which were _____, 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]

Barbara A. Mattice
Notary Public
My commission expires:
June 28, 2013

AD-493J
DWP/jmc