

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

12-29-2000



101567095

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

*MRP
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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

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File

JCS06 U.S. PTO
09/130954
12/29/00

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Mark if additional names of conveying parties attached

| | | | |
|---------------------|---|----------------------------------|---------------------------------------|
| Name (line 1) | <input type="text" value="ABBASI, SAEED"/> | Execution Date Month Day Year | <input type="text" value="11272000"/> |
| Name (line 2) | <input type="text"/> | | |
| Second Party | | Execution Date Month Day Year | |
| Name (line 1) | <input type="text" value="PERRIGO, MARTIN E."/> | | <input type="text" value="11272000"/> |
| Name (line 2) | <input type="text"/> | | |

09/1730954

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| Name (line 1) | <input type="text" value="ATI INTERNATIONAL, SRL"/> | | <input type="checkbox"/> 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.) |
| Name (line 2) | <input type="text" value="A BARBADOS, WEST INDIES CORPORATION"/> | | |
| Address (line 1) | <input type="text" value="BEAUMONT HOUSE, HASTINGS CHRIST CHURCH"/> | | |
| Address (line 2) | <input type="text"/> | | |
| Address (line 3) | <input type="text" value="BARBADOS"/> | <input type="text" value="WEST INDIES"/> | <input type="text"/> |
| | City | State/Country | Zip Code |

Domestic Representative Name and Address

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Name

Address (line 1)

Address (line 2)

Address (line 3)

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT

REEL: 011368 FRAME: 0627

Correspondent Name and Address Area Code and Telephone Number

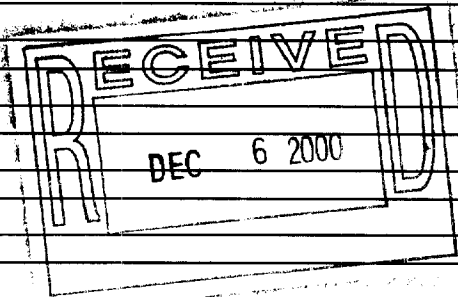
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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

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"/> |
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

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

PCT PCT PCT

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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 account.)

Deposit Account Number: #

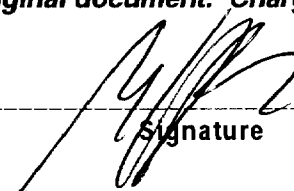
Authorization to charge additional fees: Yes No

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.

Gerald B. Halt, Jr., Esquire

Name of Person Signing Reg. No. 37,633

 Signature

12/6/00 Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

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Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) PRICE, CAROL

11 27 2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Name (line 2)

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Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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 OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s)

**Saeed Abbasi
Martin E. Perrigo
Carol Price**

(herein after referred to as the Inventors) and ATI International, SRL having a place of business at Beaumont House, Hastings Christ Church, Barbados, West Indies (herein after referred to as the Assignee).

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' names entitled

**SELF-BIAS AND DIFFERENTIAL STRUCTURE BASED PLL WITH FAST
LOCKUP CIRCUIT AND CURRENT RANGE CALIBRATION FOR PROCESS
VARIATION**

having a docket number of **ATI-000156BN** (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

1. The Inventors hereby sell, assign, and transfer their entire rights, title, and interest in the Patented Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.

2. The Inventors hereby sell, assign, and transfer their entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Patented Invention to the Assignee.

3. The transfer set forth in Paragraph (2.) is in consideration for the sum of one dollar (\$1) U.S. (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventors by the Assignee. Consideration may include at least one of: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.

4. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventors' interest is concerned, to the Assignee.

5. The Inventors further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.

6. The Inventors hereby further agree to communicate with the Assignee any facts it knows regarding any improvements of the Patented Invention while employed by Assignee and for one year thereafter.

7. The Inventors hereby yet further agree to, with respect to the referenced patent application, at the expense of the Assignee
- i) testify in any legal proceedings,
 - ii) sign all lawful papers,
 - iii) execute all divisional, continuation, continuation-in-part, reissue and substitute applications,
 - iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries, and
 - v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Application or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventors have signed.

Inventor:

Saeed Abbasi
Saeed Abbasi

11/27/00
Date:

Martin E. Perrigo
Martin E. Perrigo

27 Nov 2000
Date:

Carol Price
Carol Price

27 Nov 2000
Date:

State of _____)
County of _____)

SS:

Before me personally appeared said _____ and acknowledge the foregoing instrument to be his/her free act and deed this _____ day of _____, 20____

Seal

(Notary)