

02-09-2004



102664931

Docket No.: 003016.106952

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → →

To the Director of the United States Patent and Trademark Office

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Antonio A. Garcia  
Mark Hayes  
Anil Vuppu  
Karl Booksh

2/2/04

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Arizona Board of Regents

Internal Address: Arizona State University

Street Address: P.O. Box 879209

City: Tempe State: AZ ZIP: 85287

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 12/12/03; 12/17/03; 12/11/03; 12/29/03

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/633,352

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John F. Gulbin

Internal Address: Pitney, Hardin, Kipp & Szuch LLP

02/05/2004 MBELETE1 00000074 10633352

03 FC:8021

40.00 OP

Street Address: 685 Third Avenue

City: New York State: NY ZIP: 10017

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1145

(Attach duplicate copy of this page if paying by deposit account)

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.

John F. Gulbin

Name of Person Signing

John F. Gulbin

Signature

January 29, 2004

Date

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

5

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 014951 FRAME: 0585**

A S S I G N M E N T

FOR ONE DOLLAR (\$1.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (we),

**Antonio A. Garcia, Mark Hayes, Anil Vuppu and Karl Booksh,**

being the inventor(s) of certain improvements in

**DYNAMICALLY FORMED ROTORS FOR LOCK-IN AMPLIFIER DETECTION**

hereby assign unto the **ARIZONA BOARD OF REGENTS**, a body corporate of the State of Arizona, acting for and on behalf of the Arizona State University, Tempe, Arizona 85287, my (our) entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent Serial No. 10/633,352 filed August 1, 2003 preparatory to obtaining Letters Patent of the United States therefor and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term from which said Letters Patent or other rights of protection may be granted, as fully and as entirely as the same would have been held and enjoyed by me (us) had this assignment and sale not been made.

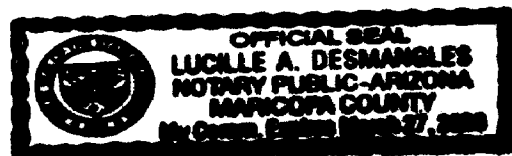
IN WITNESS WHEREOF, I (we) have hereunto set my (our) hand and seal this        day of        , 2003.

  
Mark Hayes

STATE OF Arizona )  
COUNTY OF Maricopa ) ss.:

On this 17 of December , 2003, before me, a Notary Public, personally appeared Mark Hayes, to me known and known to me to be the individual named in and who executed the foregoing instrument, and being by me first duly sworn, did acknowledge that he executed the same as his own free act and deed and as and for the purposes therein set forth.

  
Notary Public



1048858A01112403

PATENT  
REEL: 014951 FRAME: 0586

A S S I G N M E N T

FOR ONE DOLLAR (\$1.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (we),

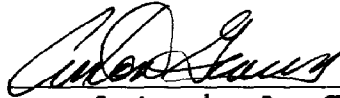
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being the inventor(s) of certain improvements in

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IN WITNESS WHEREOF, I (we) have hereunto set my (our) hand and seal this 12<sup>th</sup> day of December, 2003.



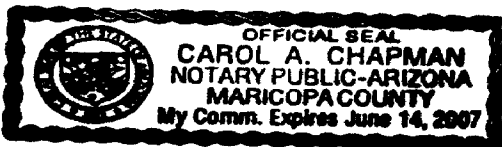
Antonio A. Garcia

STATE OF Arizona )  
COUNTY OF Maricopa ) ss.:

On this 12<sup>th</sup> of December, 2003, before me, a Notary Public, personally appeared Antonio A. Garcia, to me known and known to me to be the individual named in and who executed the foregoing instrument, and being by me first duly sworn, did acknowledge that he executed the same as his own free act and deed and as and for the purposes therein set forth.



Notary Public



A S S I G N M E N T

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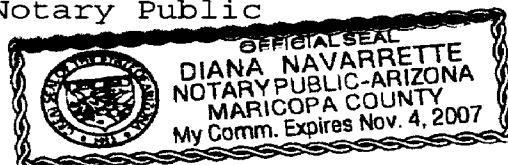
IN WITNESS WHEREOF, I (we) have hereunto set my (our) hand and seal this            day of            , 2003.

 12/11/03  
Anil Vuppu

STATE OF Arizona )  
COUNTY OF Maricopa ss.:

On this 11<sup>th</sup> of December, 2003, before me, a Notary Public, personally appeared Anil Vuppu, to me known and known to me to be the individual named in and who executed the foregoing instrument, and being by me first duly sworn, did acknowledge that he executed the same as his own free act and deed and as and for the purposes therein set forth.

  
Notary Public



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IN WITNESS WHEREOF, I (we) have hereunto set my (our) hand and seal this 29 day of December, 2003.

  
Karl Booksh

STATE OF Arizona  
COUNTY OF Maricopa ss.:

On this 29<sup>th</sup> of December, 2003, before me, a Notary Public, personally appeared Karl Booksh, to me known and known to me to be the individual named in and who executed the foregoing instrument, and being by me first duly sworn, did acknowledge that he executed the same as his own free act and deed and as and for the purposes therein set forth.



  
Notary Public