

06-16-2004

RECORD



ET

Docket No.: 3518.1024-000

102768689

To the Director of the U.S. Patent and Trademark Office, for the filing of documents or copy thereof.

1. Name of conveying party(ies)

- 1) Thomas M. DiMauro 6) Thomas G. Ferro
2) Mohamed Attawia 7) Vivek N. Shenoy
3) Hassan Serhan 8) Alonzo D. Cook
4) Melissa Grace 9) Scott Bruder
5) Michael Slivka

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: DePuy Spine, Inc.

Internal Address: _____

Street Address: 325 Paramount Drive

City: Raynham State: MA ZIP: 02767-0350

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 1, 4, 8) 05/20/04; 2) 06/07/04; 3, 9)
05/24/04; 5) 05/21/04; 6, 7) 05/25/04

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:

A. Patent Application No.(s)
10/723,250

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

RECEIVED
JUN 10 AM 7:46
OPR/FINANCE

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

Name: Deirdre E. Sanders, Esq.

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

6. Total number of applications and patents involved: [1]

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

- ☒ Enclosed
☒ Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380
☐ Authorization to charge deposit account number 08-0380

Attach a copy of this page if paying by deposit account and filing via mail.

Do not attach a copy of this page if paying by deposit account and filing via facsimile.

DO NOT USE THIS SPACE

8. 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.

Deirdre E. Sanders

Name of Person Signing

Deirdre E. Sanders

Signature

June 8, 2004

Date

06/15/2004 ECDOPER 00000117 10723250

01 00:00:01

Number of pages including cover sheet, attachments, and document: 25

JointASSIGNMENT

WHEREAS, we, **Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Melissa Grace, Michael Slivka, Thomas G. Ferro, Vivek N. Shenoy, Alonzo D. Cook and Scott Bruder**, have invented a certain improvement in **LOCAL INTRAOSSEOUS ADMINISTRATION OF BONE FORMING AGENTS AND ANTI-RESORPTIVE AGENTS, AND DEVICES THEREFOR** described in an application for Patent,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **10/723,250**, filed **November 26, 2003**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. ☐, which designates the United States of America;
- ☐ which was patented under United States Patent No. ☐.

WHEREAS, **DePuy Spine, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Ohio**, and having a usual place of business at **325 Paramount Drive, Raynham, Massachusetts 02767-0350** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Thomas M. DiMauro

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Thomas M. DiMauro**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____
Mohamed Attawia

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Mohamed Attawia**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Hassan Serhan

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Hassan Serhan**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

PATENT
REEL: 015448 FRAME: 0918

Inventor's Signature: _____

Thomas G. Ferro**Thomas G. Ferro**

State/Commonwealth

of IndianaCounty of KosciuskoOn this 25th day of May, 2004, before me, the undersigned notary public, personally appeared **Thomas G. Ferro**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Karen Brace

Notary Public

Karen Brace

(print name)

My Commission expires 2/28/2008

Inventor's Signature: _____

Vivek N. Shenoy

State/Commonwealth

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Vivek N. Shenoy**,☐ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____
Alonzo D. Cook

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Alonzo D. Cook**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Scott Bruder

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Scott Bruder**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

JointASSIGNMENT

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- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. ☐, which designates the United States of America;
- ☐ which was patented under United States Patent No. ☐.

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Thomas M. DiMauro

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Thomas M. DiMauro**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Mohamed Attawia

State/Commonwealth

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Mohamed Attawia**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public_____
(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Hassan Serhan

State/Commonwealth

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Hassan Serhan**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public_____
(print name)

My Commission expires ____/____/____

Melissa Grace

of _____

County of _____

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

(SEAL)

Notary Public

```
(print name)
```

My Commission expires / /

Michael Slivka

of _____

County of _____

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

(SEAL)

Notary Public

```
(print name)
```

My Commission expires / /

Inventor's Signature: _____
Thomas G. Ferro

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Thomas G. Ferro**,

- ☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____


Inventor's Signature: _____
Vivek N. Shenoy

State/Commonwealth
of California
County of Santa Clara

On this 25th day of May, 2004, before me, the undersigned
notary public, personally appeared **Vivek N. Shenoy**,

- ☐ personally known to me, or
☒ proved to me through satisfactory evidence of identification, which was
CA DRIVER LICENSE B4282070

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)  _____ Notary Public

(print name)
My Commission expires Jan 5, 2008

Inventor's Signature: _____
Alonzo D. Cook

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Alonzo D. Cook**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

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(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Scott Bruder

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Scott Bruder**,

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☐ proved to me through satisfactory evidence of identification, which was

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(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

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- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **10/723,250**, filed **November 26, 2003**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], which designates the United States of America;
- ☐ which was patented under United States Patent No. [].

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Thomas M. DiMauro

Thomas M. DiMauro

State/Commonwealth

of Massachusetts

County of Bristol

On this 20th day of May, 2004, before me, the undersigned notary public, personally appeared **Thomas M. DiMauro**,

- ☒ personally known to me, or
- ☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick

Notary Public

Amy Schick

(print name)

My Commission expires 1 / 21 / 2011

Inventor's Signature: _____

Mohamed Attawia
Mohamed Attawia

State/Commonwealth

of MassachusettsCounty of BristolOn this 24th day of May, 20 04, before me, the undersigned notary public, personally appeared **Mohamed Attawia**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick

Notary Public

Amy Schick

(print name)

My Commission expires 1/21/2011

Inventor's Signature: _____

Hassan Serhan
Hassan Serhan

State/Commonwealth

of MassachusettsCounty of BristolOn this 24 day of May, 20 04, before me, the undersigned notary public, personally appeared **Hassan Serhan**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick

Notary Public

AMY SCHICK

(print name)

My Commission expires 1/21/2011

Inventor's Signature: Melissa Grace
Melissa Grace

State/Commonwealth
of Massachusetts
County of Bristol

On this 20th day of May, 2004, before me, the undersigned
notary public, personally appeared **Melissa Grace**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick Notary Public
Amy Schick (print name)
My Commission expires 1 / 21 / 2011

Inventor's Signature: Michael Slivka
Michael Slivka

State/Commonwealth
of Massachusetts
County of Bristol

On this 21st day of May, 2004, before me, the undersigned
notary public, personally appeared **Michael Slivka**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick Notary Public
AMY SCHICK (print name)
My Commission expires 1 / 21 / 2011

Inventor's Signature: _____
Thomas G. Ferro

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Thomas G. Ferro**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

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acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Vivek N. Shenoy

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Vivek N. Shenoy**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____

Alonzo D. Cook

Alonzo D. Cook

State/Commonwealth

of Massachusetts

County of Bristol

On this 20th day of May, 20 04, before me, the undersigned notary public, personally appeared **Alonzo D. Cook**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Amy Schick

Notary Public

Amy Schick

(print name)

My Commission expires 1 / 21 / 2011

Inventor's Signature: _____

Scott Bruder

Scott Bruder

State/Commonwealth

of Massachusetts

County of Bristol

On this 24th day of May, 20 04, before me, the undersigned notary public, personally appeared **Scott Bruder**,

☒ personally known to me, or

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(SEAL)

Amy Schick

Notary Public

AMY SCHICK

(print name)

My Commission expires 1 / 21 / 2011

Docket No. 3518.1024-000

JointASSIGNMENT

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

-2-

Docket No. 3518.1024-000

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____
Thomas M. DiMauro

State/Commonwealth _____
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Thomas M. DiMauro**,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

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Docket No. 3518.1024-000

Inventor's Signature:

Mohamed Attawia
Mohamed Attawia

State/Commonwealth

of Massachusetts

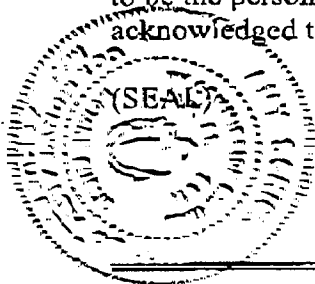
County of Bristol

On this 7th day of June, 2004, before me, the undersigned notary public, personally appeared **Mohamed Attawia**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Amy Schick Notary Public
Amy Schick (print name)
My Commission expires 1 / 21 / 2011

Inventor's Signature:

Hassan Serhan

State/Commonwealth

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Hassan Serhan**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

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Docket No. 3518.1024-000

Inventor's Signature: _____

Melissa Grace

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Melissa Grace**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Michael Slivka

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Michael Slivka**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

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Docket No. 3518.1024-000

Inventor's Signature: _____

Thomas G. Ferro

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Thomas G. Ferro**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Vivek N. Shenoy

State/Commonwealth _____

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared **Vivek N. Shenoy**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Docket No. 3518.1024-000

Inventor's Signature: _____
Alonzo D. Cook

State/Commonwealth _____
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Alonzo D. Cook**,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Scott Bruder

State/Commonwealth _____
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned
notary public, personally appeared **Scott Bruder**,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____