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DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



MATTER ID 54046

RECORDATION FOR

PATENT **103536024**

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

1. Name of conveying party(ies)/Execution Date(s):

Timing RUAN
Abhijitsinh S. RAJ
Joshua D. HORVATH
Adam GOLD

Execution Date(s) 9/15/08; 9/15/08; 9/15/08; 9/9/08

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Becton, Dickinson and Company

Internal Address: _____

Street Address: 1 Becton Drive

City: Franklin Lakes

State: New Jersey

Country: USA Zip: 07417-1880

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/205,717

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Roylance, Abrams, Berdo & Goodman, L.L.P.

Internal Address: _____

Street Address: 1300 19th Street, NW

City: Washington

State: DC Zip: 20036

Phone Number: (202)659-9076

Fax Number: (202) 659-9344

Email Address: _____

6. Total number of applications and patents involved:

1

7. 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 _____

Authorized User Name _____

9. Signature:

Marcus R. Mickney

Signature

November 17, 2008

Date

Marcus R. Mickney (Reg. No. 44,941)

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/18/2008 SZEWDIE1 00000001 12205717

07 FC:8821

40.00 DP

PATENT
REEL: 021870 FRAME: 0261

ASSIGNMENT

WHEREAS, Tieming Ruan, a citizen of China, Abhijitsinh S. Raj, a citizen of India Joshua D. Horvath, a citizen of the United States of America and Adam Gold, a citizen of the United States of America, residing respectfully at 10 Arrowgate Drive, Randolph, NJ 07869, 350 Baldwin Road, Apt. G3, Parsippany, NJ 07054, 1 Valley Manor Drive, Sparta, NJ 07871, and 200 E. 36th Street, #17 E, New York, NY 10016 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PEN NEEDLE ASSEMBLY FOR PREVENTING UNDER-TORQUING AND OVER-TORQUING OF PEN NEEDLE"

for which a provisional patent application was filed in the U.S. Patent and Trademark Office on September 7, 2007 and assigned Serial No. 60/935,955, and for which a non-provisional patent application was filed in the U.S. Patent and Trademark Office on September 5, 2008 and assigned Serial No. 12/205,717; and

WHEREAS, Becton, Dickinson and Company, a corporation of the State of New Jersey (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises, and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of agreements that relate to Assignors' employment by Assignee at the time the invention was made, and/or other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned and transferred, and do hereby assign and transfer unto said Assignee, the entire right, title and interest in and to all said inventions and discoveries disclosed in said applications whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said applications, all provisionals, substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title;

And Assignors hereby grant the firm of Roylance, Abrams, Berdo & Goodman the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal on the date(s) by each signature.

1) Tieming Ruan 15 September, 2008
Date

2) Abhijitsinh S. Raj 15th Sept., 2008
Date

3) Joshua D. Horvath 15 September, 2008
Date

4) Adam Gold 9/9, 2008
Date

☒ NOTARIZATION PAGES ADDED

STATE New JerseyCOUNTY OF Passaic

BE IT REMEMBERED, That on this 15th day of September 2008, before me, a Notary public, personally appeared Tieming Ruan

who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Linda Van Lenten

STATE New JerseyCOUNTY OF Passaic

LINDA VAN LENTEN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/24/2013

BE IT REMEMBERED, That on this 15th day of September 2008, before me, a Notary public, personally appeared Abhijitsinh S. Ray

who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Linda Van Lenten

LINDA VAN LENTEN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/24/2013

STATE New JerseyCOUNTY OF Passaic

BE IT REMEMBERED, That on this 15th day of September 2008, before me, a Notary public, personally appeared Joshua D. Horvath

who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Linda Van Lentem

STATE

LINDA VAN LENTEM
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/24/2013

COUNTY OF

BE IT REMEMBERED, That on this _____ day of _____ 2008, before me, a Notary public, personally appeared _____

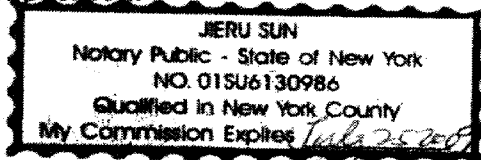
who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

STATE

COUNTY OF

BE IT REMEMBERED, That on this 9 day of Sep 2008, before me, a Notary public, personally appeared Adam Gald

who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

STATE New YorkCOUNTY OF New York

BE IT REMEMBERED, That on this _____ day of _____ 2008, before me, a Notary public, personally appeared _____

who I am satisfied is the person or persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.