

4/13/04

04-19-2004



102723882

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

REC

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
P-5784P5

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Charles D. Shermer 4) Ed Browka
2) Kenneth G. Powell 5) James K. Fentress
3) Alexander G. Lastovich 6) David S. Chapin

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

3. Nature of conveyance:

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

Execution Date: Jan. 14; Feb. 13; Mar. 9; Mar. 16, 2004

2. Name and address of receiving party(ies)

Name: Becton, Dickinson and Company

Internal Address: _____

Street Address: 1 Becton Drive

City: Franklin Lakes State: NJ Zip: 07417-1880

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

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)

10/623,702

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Roylance, Abrams, Berdo & Goodman, LLP

Internal Address: _____

Street Address: 1300 19th Street, N.W., Suite 600

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: ☒ 1

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

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

18-2220

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

DO NOT USE THIS SPACE

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.

Ronald S Grubb (Reg. No. 48,672)

Name of Person Signing

Ronald S. Grubb
Signature

April 13, 2004

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 17

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/16/2004 EDOOPER 00000090 10623702

01 FC:8021

40.00 DP

PATENT
REEL: 015210 FRAME: 0105

ASSIGNMENT

45337

P-5784P5

Serial No. 10/623,702

Filed: July 22, 2003

WHEREAS, Charles D. Shermer, Kenneth G. Powell, Alexander G. Lastovich, P. Spencer Kinsey, Chad C. Smutney, John M. Polidoro, Ed Browka, Carl R. Sahi, James K. Fentress, David S. Chapin, Daniel Stipe, Jeff M. Moss and Melody Kuroda, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PATCH-LIKE INFUSION DEVICE"

for which they are making application for Letters Patent of the United States of America, which application was executed on an even date herewith;

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 application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all 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;

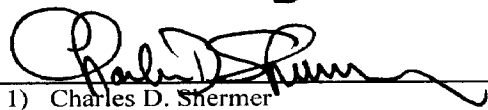
And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

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;

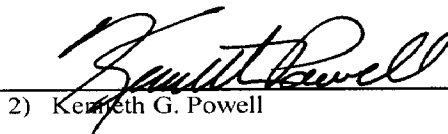
And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal 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.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this 14th

day of January, 2004.


1) Charles D. Shermer

(L.S.)


2) Kenneth G. Powell

(L.S.)


3) Alexander G. Lastovich

(L.S.)

4) P. Spencer Kinsey

(L.S.)

5) Chad C. Smutney

(L.S.)

6) John M. Polidoro

(L.S.)

(L.S.)

(L.S.)

7) Ed Browka

8) Carl R. Sahi

(L.S.)

(L.S.)

9) James K. Fentress

10) David S. Chapin

(L.S.)

(L.S.)

11) Daniel Stipe

12) Jeff M. Moss

(L.S.)

13) Melody Kuroda

☐ NOTARIZATION PAGE ADDED

STATE *North Carolina*

COUNTY OF *Durham*

BE IT REMEMBERED, That on this 14th day of January 2004,

before me, a Notary public, personally appeared Charles Shermer, Kenneth Powell, Alexander Lastovich, James Fentress ^{are} who I am satisfied ~~is~~ the person^s named in and who executed the foregoing instrument in my presence, and I having first made known to ~~him~~ ^{them} the contents thereof, ~~he~~ ^{they} did acknowledge that ~~they~~ signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Linda W. Tingen
My commission expires 4-21-2007

ASSIGNMENT

45337

P-5784P5

Serial No. 10/623,702

Filed: July 22, 2003

WHEREAS, Charles D. Shermer, Kenneth G. Powell, Alexander G. Lastovich, P. Spencer Kinsey, Chad C. Smutney, John M. Polidoro, Ed Browka, Carl R. Sahi, James K. Fentress, David S. Chapin, Daniel Stipe, Jeff M. Moss and Melody Kuroda, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PATCH-LIKE INFUSION DEVICE"

for which they are making application for Letters Patent of the United States of America, which application was executed on an even date herewith:

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 application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all 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.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this 13th
day of February, 2004.

(L.S.)	(L.S.)
1) Charles D. Shermer	2) Kenneth G. Powell
(L.S.)	(L.S.)
3) Alexander G. Lastovich	4) P. Spencer Kinsey
(L.S.)	(L.S.)
5) Chad C. Smutney	6) John M. Polidoro

ASSIGNMENT

Ed Browka

7) Ed Browka

(L.S.)

8) Carl R. Sahn

(L.S.)

9) James K. Fentress

(L.S.)

10) David S. Chapin

(L.S.)

11) Daniel Stipe

(L.S.)

12) Jeff M. Moss

(L.S.)

13) Melody Kuroda

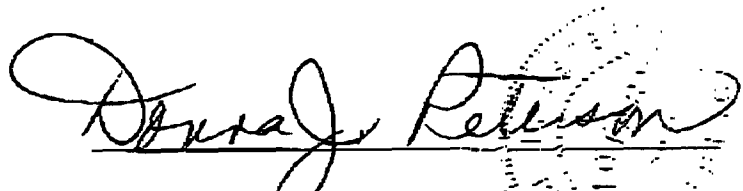
(L.S.)

☐ NOTARIZATION PAGE ADDED

STATE

COUNTY OF

BE IT REMEMBERED, That on this 13th day of February 2004,
before me, a Notary public, personally appeared Ed Browka
who I am satisfied is the person 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.


My Commission Expires
July 15, 2006

ASSIGNMENT

45337

P-5784P5

Serial No. 10/623,702

Filed: July 22, 2003

WHEREAS, Charles D. Shermer, Kenneth G. Powell, Alexander G. Lastovich, P. Spencer Kinsey, Chad C. Smutney, John M. Polidoro, Ed Browka, Carl R. Sahi, James K. Fentress, David S. Chapin, Daniel Stipe, Jeff M. Moss and Melody Kuroda, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PATCH-LIKE INFUSION DEVICE"

for which they are making application for Letters Patent of the United States of America, which application was executed on an even date herewith;

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 application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all 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.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this _____

day of _____, 2004.

(L.S.)

(L.S.)

1) Charles D. Shermer

2) Kenneth G. Powell

(L.S.)

(L.S.)

3) Alexander G. Lastovich

4) P. Spencer Kinsey

(L.S.)

(L.S.)

5) Chad C. Smutney

6) John M. Polidoro

(L.S.)		(L.S.)
7) Ed Browka	8) Carl R. Sahi	

(L.S.)		(L.S.)
9) James K. Fentress	10) David S. Chapin	

(L.S.)		(L.S.)
11) Daniel Stipe	12) Jeff M. Moss	

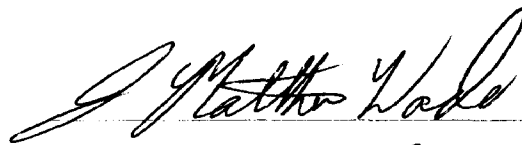
(L.S.)	
13) Melody Kuroda	

☐ NOTARIZATION PAGE ADDED

STATE *North Carolina*

COUNTY OF *Wake*

BE IT REMEMBERED, That on this 16 day of March 2004,
before me, a Notary public, personally appeared Daniel Stipe & David S Chapin
who I am satisfied is the person 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 true voluntary act and deed for the uses and purposes
therein expressed.



My Commission Expires August 13, 2008

ASSIGNMENT

45337

P-5784P5

Serial No. 10/623,702

Filed: July 22, 2003

WHEREAS, Charles D. Shermer, Kenneth G. Powell, Alexander G. Lastovich, P. Spencer Kinsey, Chad C. Smutney, John M. Polidoro, Ed Browka, Carl R. Sahi, James K. Fentress, David S. Chapin, Daniel Stipe, Jeff M. Moss and Melody Kuroda, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PATCH-LIKE INFUSION DEVICE"

for which they are making application for Letters Patent of the United States of America, which application was executed on an even date herewith;

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 application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all 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.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this Ninth
day of March, 2004.

(L.S.)	(L.S.)
1) Charles D. Shermer	2) Kenneth G. Powell
(L.S.)	(L.S.)
3) Alexander G. Lastovich	4) P. Spencer Kinsey
(L.S.)	(L.S.)
5) Chad C. Smutney	6) John M. Polidoro

7) Ed Browka	(L.S.)	8) Carl R. Sahi	(L.S.)
9) James K. Fentress	(L.S.)	10) David S. Chapin	(L.S.)
11) Daniel Stipe	(L.S.)	12) Jeff M. Moss	(L.S.)
13) Melody Kuroda	(L.S.)		

Jeff M Moss

☐ NOTARIZATION PAGE ADDED

STATE Colorado

COUNTY OF Jefferson

BE IT REMEMBERED, That on this 9th day of March 2004,
before me, a Notary public, personally appeared Jeff M. Moss,
who I am satisfied is the person 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.

Ginda Chan
Notary public

My commission expires March 14, 2007

ASSIGNMENT

45337

P-5784P5

Serial No. 10/623,702

Filed: July 22, 2003

WHEREAS, Charles D. Shermer, Kenneth G. Powell, Alexander G. Lastovich, P. Spencer Kinsey, Chad C. Smutney, John M. Polidoro, Ed Browka, Carl R. Sahi, James K. Fentress, David S. Chapin, Daniel Stipe, Jeff M. Moss and Melody Kuroda, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"PATCH-LIKE INFUSION DEVICE"

for which they are making application for Letters Patent of the United States of America, which application was executed on an even date herewith;

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 application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all 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.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this thirteenth day of February, 2004.

_____ 1) Charles D. Shermer	(L.S.)	_____ 2) Kenneth G. Powell	(L.S.)
_____ 3) Alexander G. Lastovich	(L.S.)	_____ 4) P. Spencer Kinsey	(L.S.)
_____ 5) Chad C. Smutney	(L.S.)	_____ 6) John M. Polidoro	(L.S.)

Ed Browka (L.S.) Carl R. Sahi (L.S.)
 7) Ed Browka 8) Carl R. Sahi

James K. Fentress (L.S.) David S. Chapin (L.S.)
 9) James K. Fentress 10) David S. Chapin

Daniel Stipe (L.S.) Jeff M. Moss (L.S.)
 11) Daniel Stipe 12) Jeff M. Moss

Melody Kuroda (L.S.)
 13) Melody Kuroda

☒ NOTARIZATION PAGE ADDED

STATE

COUNTY OF

BE IT REMEMBERED, That on this 13th day of February 2004,
before me, a Notary public, personally appeared Melody M. Kuroda
who I am satisfied is the person 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.

Dorothy Peterson
My Commission Expires
July 15, 2006

REV. 1/25/95

RECORDED: 04/13/2004

PATENT
REEL: 015210 FRAME: 0121