

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3441163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMAS E MEYER	06/24/2015
WILLIAM P HAJKO	06/04/2015
THOMAS P HARTRANFT	06/04/2015
NYPRO, INC.	06/10/2015
RECEIVING PARTY DATA	
Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY
Internal Address:	LC340
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14566674
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	763-505-2523
Email:	juanita.traufler@medtronic.com
Correspondent Name:	JUANITA I. TRAUFLER
Address Line 1:	710 MEDTRONIC PARKWAY
Address Line 2:	LC340
Address Line 4:	MINNEAPOLIS, MINNESOTA 55432
ATTORNEY DOCKET NUMBER:	C00007440USU1/MED29080/US
NAME OF SUBMITTER:	KENNETH J. COLLIER
SIGNATURE:	/Kenneth J. Collier/
DATE SIGNED:	07/16/2015
Total Attachments: 13	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICEASSIGNMENT TRANSMITTAL

In re Application of: Thomas E. MEYER et al

Group Art Unit: 1778

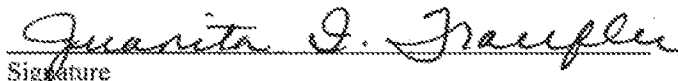
Serial No.: 14/566,674

Confirmation Number: 1831

Filed: December 10, 2014

For: Sensing and Storage System for Fluid Balance

CERTIFICATE OF ELECTRONIC FILING: I hereby certify that this Assignment and the paper(s), as described herein, are addressed to Mail Stop Assignment Recordation Services, Director U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 and electronically filed on this 15th day of JULY, 2015.



Signature

Juanita I. Trauffer

Printed Name

Mail Stop Assignment Recordation Services
Director U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting by facsimile herewith the attached:

☒ ASSIGNMENT TRANSMITTAL☒ ASSIGNMENT FROM INVENTOR TO MEDTRONIC, INC.☒ ASSIGNMENT COVER SHEET

Date

July 15, 2015

Kenneth J. Collier

Reg. No. 34,982

Telephone: (763) 505-2521

Facsimile: (763) 505-2530

CUSTOMER NUMBER: 84199

RECORDATION FORM COVER SHEET

PATENTS ONLY

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)

Thomas E. MEYER

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 24, 2015

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

2. Name and address of receiving party(ies)

Name: MEDTRONIC, INC.

Internal Address: Mail Stop LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN

Country: US Zip: 55432

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

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63)

A. Patent Application No.(s)

B. Patent No.(s)

14/566,674

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kenneth J. Collier

Internal Address: Mail Stop LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN Zip: 55432

Phone Number: 763-505-2521

Docket Number: C00007440 USU1/MED-29080/US

Email Address: ken.collier@medtronic.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$0

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature: /Kenneth J. Collier/

July 15, 2015

Signature

Date

Kenneth J. Collier

Name of Person Signing

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

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-8140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR") hereby assign, transfer, and set over to:

Medtronic, Inc.

having the following address:

**710 Medtronic Pkwy, N.E.
Minneapolis, MN 55432**

(referred to herein both as "COMPANY"), its successors, and assigns, the entire right, title, and his interest in the United States, in and to the invention filed as U.S. Patent Application No. 14/566,674 on December 10, 2014, known by the following title:

SENSING AND STORAGE SYSTEM FOR FLUID BALANCE

for which the undersigned has/have executed an application for patent, together with said patent application, all non-provisionals, divisions, continuations, continuations-in-part, reissues, and extensions thereof, including any national or regional Patent or International Patent Application, and all United States Letters Patent or other national or regional Patent which may be granted thereof. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR if this assignment had not been made.

In addition, the undersigned INVENTOR each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR each hereby grants to the firm of HAHN & VOIGHT LAW OFFICES PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in

HAHN & VOIGHT LAW OFFICES PLLC

order to comply with the rules of the United States Patent and Trademark Office or any other national or regional Patent Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

24 JUN 2015
Date

1st Inventor Signature: Thomas E. Meyer
Print or Type Name: Thomas E. Meyer

June 24, 2015
Date

Witness: Juanita Trautler
Print or Type Name: Juanita Trautler

June 24, 2015
Date

Witness: Kathy R. Illg
Print or Type Name: Kathy R. Illg

When this Assignment is not filed concurrently with the patent application,
the following identifying information may be added after execution:

U.S. or International Application Serial No.: 14/566,674

Filing Date: December 10, 2014

ASSIGNMENT

Page 2

HAIN & VOIGHT LAW OFFICES PLLC

PATENT

REEL: 036107 FRAME: 0775

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT TRANSMITTAL

In re Application of: Thomas E. MEYER et al
Serial No.: 14/566,674
Filed: December 10, 2014
For: Sensing and Storage System for Fluid Balance

Group Art Unit: 1778
Confirmation Number: 1831

CERTIFICATE OF ELECTRONIC FILING: I hereby certify that this Assignment and the paper(s), as described herein, are addressed to Mail Stop Assignment Recordation Services, Director U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 and electronically filed on this 15th day of JULY, 2015.

Juanita I. Trautler
Signature
Juanita I. Trautler
Printed Name

Mail Stop Assignment Recordation Services
Director U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting by facsimile herewith the attached:

☒ ASSIGNMENT TRANSMITTAL
☒ ASSIGNMENT FROM INVENTORS TO NYPRO, INC.
☒ ASSIGNMENT COVER SHEET

July 15, 2015
Date

Kenneth J. Collier
Kenneth J. Collier
Reg. No. 54,982
Telephone: (763) 505-2521
Facsimile: (763) 505-2530
CUSTOMER NUMBER: 84199

RECORDATION FORM COVER SHEET

PATENTS ONLY

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)

William P. HAJKO

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 4, 2015

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

2. Name and address of receiving party(ies)

Name: NYPRO, INC.

Internal Address:

Street Address: 101 Union Street

City: Clinton

State: MA

Country: US Zip: 01510

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

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

14/566,674

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kenneth J. Collier

Internal Address: Mail Stop LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN Zip: 55432

Phone Number: 763-505-2521

Docket Number: C00007440.USU1/MED-29080/US

Email Address: ken.collier@medtronic.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$0

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature: /Kenneth J. Collier/

July 15, 2015

Signature

Date

Kenneth J. Collier

Name of Person Signing

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

4

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 036107 FRAME: 0777

RECORDATION FORM COVER SHEET

PATENTS ONLY

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)

Thomas P. HARTRANFT

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 4, 2015

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Name: NYPRO, INC.

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State: MA

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Kenneth J. Collier

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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

NYPRO, Inc.

having the following address:

**101 Union Street
Clinton, MA 01510**

(referred herein as "NYPRO"), its successors, and assigns, its/their entire right, title, and interest in the United States, in and to the invention filed as U.S. Patent Application No. 14/566,674 on December 10, 2014, known by the following title:

SENSING AND STORAGE SYSTEM FOR FLUID BALANCE

for which the undersigned has/have executed an application for patent, together with said patent application, all non-provisionals, divisions, continuations, continuations-in-part, reissues, and extensions thereof, including any national or regional Patent or International Patent Application, and all United States Letters Patent or other national or regional Patent which may be granted thereof. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by NYPRO, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR if this assignment had not been made.

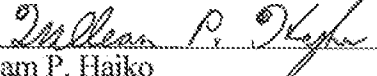
In addition, the undersigned INVENTOR each hereby agrees:

1. To sign and execute any further documents which are reasonably necessary, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise reasonably necessary to secure the title thereto to NYPRO;
2. To execute all papers and documents and to perform all lawful and proper acts that are reasonably necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful and proper affirmative acts that are reasonably necessary to obtain the grant of a valid and enforceable patent to NYPRO.

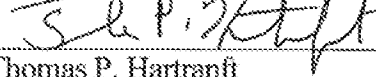
The undersigned INVENTOR each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to NYPRO.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

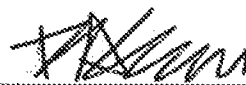
JUNE 4, 2015
Date

1st Inventor Signature: 
Print or Type Name: William P. Hajko

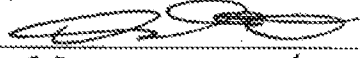
JUNE 4, 2015
Date

2nd Inventor Signature: 
Print or Type Name: Thomas P. Hartranft

4 JUNE 2015
Date

Witness: 
Print or Type Name: BENJAMIN KELLAM

4 JUNE 2015
Date

Witness: 
Print or Type Name: CRAIG E. HETTA

When this Assignment is not filed concurrently with the patent application,
the following identifying information may be added after execution:

U.S. or International Application Serial No.: 14/566,674

Filing Date: December 10, 2014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT TRANSMITTAL

In re Application of: Thomas E. MEYER et al
Serial No.: 14/566,674
Filed: December 10, 2014
For: Sensing and Storage System for Fluid Balance

Group Art Unit: 1778
Confirmation Number: 1831

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Juanita I. Trauffer
Signature
Juanita I. Trauffer
Printed Name

Mail Stop Assignment Recordation Services
Director U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

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☒ ASSIGNMENT FROM NYPRO, INC. TO MEDTRONIC, INC.
☒ ASSIGNMENT COVER SHEET

July 15, 2015
Date

Kenneth J. Collier
Kenneth J. Collier
Reg. No. 34,982
Telephone: (763) 505-2521
Facsimile: (763) 505-2530
CUSTOMER NUMBER: 84199

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NYPRO, INC.

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

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☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: MEDTRONIC, INC.

Internal Address: Mail Stop LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN

Country: US Zip: 55432

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

4. Application or patent number(s):

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A. Patent Application No. (s)

B. Patent No. (s)

14/566,674

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Phone Number: 763-505-2521

Docket Number: C00007440.USU1/MED-29080/US

Email Address: ken.collier@medtronic.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: /Kenneth J. Collier/

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Signature

Date

Kenneth J. Collier

Name of Person Signing

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1460

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned NYPRO, INC., 101 Union Street, Clinton, MA 01510 (referred to herein as "NYPRO(S)") hereby assign, transfer, and set over to:

MEDTRONIC, INC.

having the following address:

**710 Medtronic Parkway
Minneapolis, MN 55432**

(referred to herein both as "MEDTRONIC"), its successors, and assigns, its/their entire right, title, and NYPRO'S interest in the United States, in and to the invention filed as U.S. Patent Application No. 14/566,674 on December 10, 2014, known by the following title:

SENSING AND STORAGE SYSTEM FOR FLUID BALANCE

for which the undersigned has/have executed an application for patent, together with said patent application, all non-provisionals, divisions, continuations, continuations-in-part, reissues, and extensions thereof, including any national or regional Patent or International Patent Application, and all United States Letters Patent or other national or regional Patent which may be granted thereof. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by MEDTRONIC, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by NYPRO if this assignment had not been made.

In addition, the undersigned NYPRO hereby agrees:

1. To sign and execute any further documents which are reasonably necessary, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise reasonably necessary to secure the title thereto to MEDTRONIC;
2. To execute all papers and documents and to perform all lawful and proper acts that are reasonably necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful and proper affirmative acts that are reasonably necessary to obtain the grant of a valid and enforceable patent to MEDTRONIC.

The undersigned NYPRO hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to MEDTRONIC.

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IN WITNESS WHEREOF, this Assignment has been executed by the undersigned Assignee on the date appearing by such Assignee's signature:

Date and Signature of the Assignee:

6/10/2015
Date

Signature: [Signature]
Print or Type Name: Craig E. Neila
Title: Senior Director, Design Engineering

06/10/2015
Date

Witness: [Signature]
Print or Type Name: Angel Larso

6-10-2015
Date

Witness: [Signature]
Print or Type Name: BENJAMIN KELLAM

When this Assignment is not filed concurrently with the patent application,
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Page 2