

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5904636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTHONY SGROI JR.	10/11/2019
DAVID VALENTINE JR.	10/15/2019
RAMIRO CABRERA	10/15/2019
SCOTT FIRTH	10/11/2019
JOSEPH EISINGER	10/11/2019
JOHN J. HRYD IV	10/11/2019
PATRICK MOZDZIERZ	10/11/2019
RECEIVING PARTY DATA	
Name:	Covidien LP
Street Address:	15 Hampshire Street
City:	Mansfield
State/Country:	MASSACHUSETTS
Postal Code:	02048
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16739336
CORRESPONDENCE DATA	
Fax Number:	(203)492-5785
<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:	203-492-5000
Email:	rs.patents.two@medtronic.com
Correspondent Name:	COVIDIEN LP
Address Line 1:	60 MIDDLETOWN AVENUE
Address Line 2:	MAILSTOP 54, LEGAL DEPT.
Address Line 4:	NORTH HAVEN, CONNECTICUT 06473
ATTORNEY DOCKET NUMBER:	C00018281US01(203-12085
NAME OF SUBMITTER:	JOSEPH BENDER-ZANONI
SIGNATURE:	/Joseph BENDER-ZANONI, Reg. 51454/
DATE SIGNED:	01/10/2020

PATENT

Total Attachments: 8

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For: U.S. and/or Foreign Rights
For: U.S. Application or U.S. Patent
By : Inventor or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS: Anthony Sgroi, Jr.
David Valentine, Jr.
Ramiro Cabrera
Scott Firth
Joseph Eisinger
John J. Hryb, IV
Patrick Mozdierz**

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on: _____
Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

Covidien LP
15 Hampshire Street
Mansfield, MA 02048
US

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

END EFFECTOR FORCE MEASUREMENT WITH DIGITAL DRIVE CIRCUIT

and which is found in

- (a) U.S. application Serial No. 16/739,336 filed on January 10, 2020.
- (b) U.S. provisional application No. 62/801,979 filed on February 6, 2019.
- (c) U.S. Patent No. _____ issued _____.
- (d) PCT application No. _____ filed on _____.
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

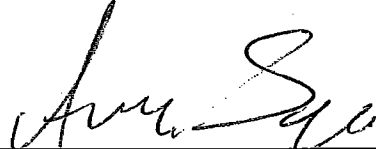
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenant to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.




Anthony Sgroi, Jr.

10/11/19
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 11 day of October 2019,

personally appeared **Anthony Sgroi, Jr.** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

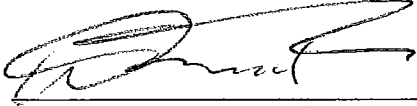


Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.



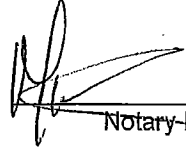
David Valentine, Jr.

10/15/2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 15 day of October 2019,

personally appeared **David Valentine, Jr.** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Ramiro Cabrera
Ramiro Cabrera

OCT 15, 2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 15 day of October 2019,


personally appeared Ramiro Cabrera to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Michele Lynn Giancola
Notary Public

AFFIX SEAL

MICHELE LYNN GIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.




Scott Firth

10/11/2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 11 day of October 2019,

personally appeared **Scott Firth** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

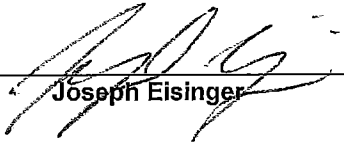


Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.



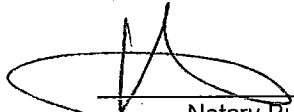
Joseph Eisinger

11 Oct 2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 11 day of October 2019,

personally appeared Joseph Eisinger to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

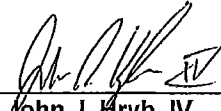


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MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
AUGUST 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.




John J. Hryb, IV

Oct - 11 - 2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 11 day of October 2019,

personally appeared **John J. Hryb, IV** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

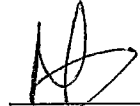

Patrick Mozdierz

10/11/2019
(Dated)

State of Connecticut)
) ss
County of New Haven)

Before me this 11 day of October 2019,

personally appeared **Patrick Mozdierz** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.


Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2020