505483982 05/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT5530786**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB C. BARIL	05/10/2019
SAUMYA BANERJEE	05/10/2019
MATTHEW A. DININO	05/10/2019
ROY J. PILLETERE	05/10/2019
JUSTIN J. THOMAS	05/15/2019
GEORGE S. MATTA	05/15/2019

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:	16415715

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	A0001311US01(203-12584)
NAME OF SUBMITTER:	THOMAS A. BEATON
SIGNATURE:	/Thomas A. BEATON/
DATE SIGNED:	05/20/2019

PATENT REEL: 049228 FRAME: 0778 505483982

Total Attachments: 5 source=FinalAssignment#page1.tif source=FinalAssignment#page2.tif source=FinalAssignment#page3.tif source=FinalAssignment#page4.tif source=FinalAssignment#page5.tif

PATENT REEL: 049228 FRAME: 0779 For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] 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:	Jacob C. Baril Saumya Banerjee Matthew A. Dinino Roy J. Pilletere Justin J. Thomas George S. Matta	
(If assignment i PTO add the fo		to whom invention was previously assigned and this was recorded in
1	Frame	

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[x]

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	,	<u>US</u> Romania de la companya					- :-
	e succe	essors, assigns and legal repre	sentatives of the A	SSIGNEE	ाविकासिक के जिल्लामा स्थापन	Section 1	
[X] th	e entire	right, title and interest					
posse: [X] an future	ssions Id in all Infringe	ed percent (_ foreign countries, including all I ment, in the United States, its t evention rights in and to the inv	rights to claim pric erritorial possessi	rity, the righ	t to sue for prese all foreign countri	nt, past ar	
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		<u>11550E SPE</u>	CIMEN RETRIEV (Title)	AL DEVICE			
and wl	hich is f	ound in	(110)				
(a) (b) (c) (d)	[X] [] []	U.S. application Serial NoU.S. provisional application IU.S. Patent NoPCT application No	issued filed o	on	•		-
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Page 1

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

Attorney Docket No. A0001311US01 (203-12584) PATENT

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 alding 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.

Jacob C. Baril	ے می کی دانیونفشد	05-10-19 (Date)
State of Connecticut)) ss County of New Haven) Before me this day of to me personally known to be the person des acknowledged to me that he/she executed the	cribed in and Who exec	19, personally appeared Jacob C. Baril, cuted the above instrument, and swill for the purposes therein set forth. Notary Public
AFFIX SEAL		MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021

SB	Attorney Docket No. A0001311US01 (203-12584) PATENT 5/10/19
Saumya Banerjee	(Date)
State of Connecticut)) ss County of New Haven) Before me this day of day of day of and acknowledged to me that he/she executed the seforth.	2019, personally appeared Saumya described in and who executed the above instrument, ame of his own free will for the purposes therein set
	Way allemaken
	Notary Public
AFFIX SEAL	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021
Matthew A. Dinino	5/10/19 /Date)
State of Connecticut) ss County of New Haven)	
Dinino, to me personally known to be the person des acknowledged to me that he/she executed the same	2019, personally appeared Matthew A. cribed in and who executed the above instrument, and of his own free will for the purposes therein set forth.
	Mycholic Notary Public
AFFIX SEAL	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTIGUT MY COMMI 63 ION EXPIRES JANUARY 31, 2021

	· ·
Roy J. Pilletere	5/10/19 (Date)
State of Connecticut) ss County of New Haven) Before me this day of day of Pilletere, to me personally known to be the person de and acknowledged to me that he/she executed the sa forth.	2019, personally appeared Roy J. escribed in and who executed the above instrument, ame of his own free will for the purposes therein set Notary Public
AFFIX SEAL	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 91, 2021
Justin J. Thomas	5/\5/\\$ (Date)
State of Connecticut) ss County of New Haven) Before me this	scribed in and who executed the above instrument,
AFFIX SEAL	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021

Attorney Docket No. A0001311US01 (203-12584)

George S. Matta

(Date)

State of New York

State of New York

County of Menroe

Before me this // day of // 2019, personally appeared George S.

Matta, 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.

AFFIX SEAL

JOHN SEBASTIAN BILSBOROUGH

Notary Public Commonwealth of Massachusetts
My Commission Explice January 09, 20268