503152542 01/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3199155

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLEN D. JAMESON	11/14/2014
CHRISTOPHER L. BAGLEY	11/14/2014
HILLARY K. HUSZAR	01/27/2015
MARK A. MAGUIRE	11/11/2014
DAVID S. UTLEY	11/08/2014

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:	14519409

CORRESPONDENCE DATA

Fax Number: (303)581-6632

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.

Phone: 303-530-6138

Email: ebd.iplegal@covidien.com **Correspondent Name:** COVIDIEN LP ATTN: IP LEGAL

Address Line 1: 5920 LONGBOW DRIVE

MAIL STOP A36 Address Line 2:

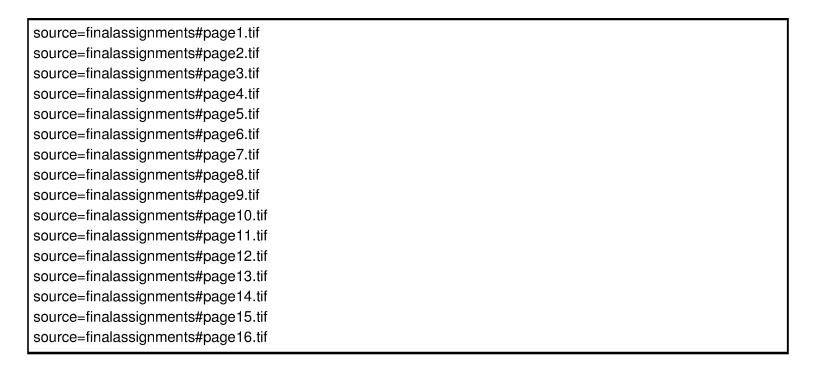
Address Line 4: BOULDER, COLORADO 80301-3299

	ATTORNEY DOCKET NUMBER:	H-EB-00672A
· ·	NAME OF SUBMITTER:	STEPHEN B. PERKINS
DATE SIGNED: 01/27/2015	SIGNATURE:	/Stephen B. Perkins/
	DATE SIGNED:	01/27/2015

Total Attachments: 16

PATENT REEL: 034819 FRAME: 0651

503152542



PATENT REEL: 034819 FRAME: 0652

Attorney Docket No. H-EB-00672A P025A.01 PATENT

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,

ASSIC	SNORS:	
		Allen D. Jameson Christopher L. Bagley Hillary K. Huszar Mark A. Maguire David S. Utley
PTO a	add the fo	Recorded on: Reel Frame
nereb	y selis, as	ssigns and transfers to
ASSIC	SNEE:	Covidien LP
		15 Hampshire Street Mansfield, MA 02048 US
and th	e succes	sors, assigns and legal representatives of the ASSIGNEE
[X] the	e entire r	ight, title and interest
[] an posse		d percent (%) interest for the United States and its territorial
future	infringen	oreign countries, including all rights to claim priority, the right to sue for present, past and nent, in the United States, its territorial possessions, and in all foreign countries, including all rention rights in and to the invention and any and all improvements entitled:
Ţ	JNFURL	ING ELECTRODE DEVICES WITH THE MULTIPLE LONGITUDINAL ELECTRODE SEGMENTS (Title)
and wl	nich is fo	
(a) (b)	[] [x]	U.S. application Serial No. 14/519,409 filed on October 21, 2014. U.S. provisional application No. 61/895,501 filed on October 25, 2013 U.S. provisional application No. 61/895,514 filed on October 25, 2013
(c) (d)	[] []	U.S. provisional application No. 61/895,530 filed on October 25, 2013 U.S. Patent No issued PCT application No filed on A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

and any legal equivalent thereof in a foreign country, including the right to claim priority (e) [x] 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.

Before me this \(\frac{\mathcal{H}'}{\text{day of November}}\) 2014, personally appeared Allen D. Jameson, and acknowledged to me that he/she executed the same of his own free will for the purposes

therein set forth.

AFFIX SEAL

K. KAUR COMM. # 1959594 IOTARY PUBLIC - CALIFORNIA 🛭 SANTA CLARA COUNTY COMM. EXPIRES NOV. 6, 2015 🗗

Christopher L. Bagley	(Date)
State of (alifarnia) ss County of Santa (lara) Before me this day of November day of Movember day of the executed the satherein set forth.	r_ 2014, personally appeared Christophe r large of his own free will for the purposes
K. KAUR COMM. # 1959594 NOTARY PUBLIC - CALIFORNIA O SANTA CLARA COUNTY COMM. EXPIRES NOV. 6, 2015	Notary Public
Hillary K. Huszar	(Date)
State of)) ss County of) Before me this day of Huszar, and acknowledged to me that he/she executed the sa therein set forth.	_ 2014, personally appeared Hillary K. ime of his own free will for the purposes
	Notary Public

Mark A. N	laguire		(Date)
State of County of)) ss)		
Be Maguire , and ackn therein set forth.	fore me this owledged to me	day of that he/she executed th	2014, personally appeared Mark A. e same of his own free will for the purposes
		".	Notary Public
AFFIX SEAL			
David S. U	Itlev		(Date)
David C. C	niey		(Bate)
State of)		
County of) ss)		
Bef and acknowledged t forth.	ore me this to me that he/sh	day of e executed the same of	2014, personally appeared David S. Utley , his own free will for the purposes therein set
			Notary Public

Attorney Docket No. H-EB-00672A P025A.01 PATENT

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

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ASS	IGNORS	:
		Allen D. Jameson Christopher L. Bagley Hillary K. Huszar Mark A. Maguire David S. Utley
PTO	add the t	t is by person or entity to whom invention was previously assigned and this was recorded in following) Recorded on: Reel Frame assigns and transfers to
ASSI	GNEE:	
		Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and t	he succe	ssors, assigns and legal representatives of the ASSIGNEE
[X] tł	ne entire	right, title and interest
	undivide essions	ed percent (%) interest for the United States and its territorial
uture	infringer	oreign countries, including all rights to claim priority, the right to sue for present, past and ment, in the United States, its territorial possessions, and in all foreign countries, including all vention rights in and to the invention and any and all improvements entitled:
	<u>UNFURL</u>	ING ELECTRODE DEVICES WITH THE MULTIPLE LONGITUDINAL ELECTRODE SEGMENTS (TWO.)
and w	hich is fo	(Title) ound in
(a) (b)	[] [x]	U.S. application Serial No. 14/519,409 filed on October 21, 2014. U.S. provisional application No. 61/895,501 filed on October 25, 2013 U.S. provisional application No. 61/895,514 filed on October 25, 2013 U.S. provisional application No. 61/895,530 filed on October 25, 2013
(c) (d)	[] [] []	U.S. Patent No issued 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.

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

Allen D	Jameson	,	(Date)
State of)) ss		
County of) Refere me this	dov of	2014, personally appeared Allen D.
Jameson, and a therein set forth.	cknowledged to r	ne that he/she exec	uted the same of his own free will for the purposes
			Notary Public
AFFIX SEAL			

Chi	ristopher L. Bagley	(Date)
State of County of)) ss)	
Bagley, and therein set fo	acknowledged to me tha	day of 2014, personally appeared Christopher L. the/she executed the same of his own free will for the purposes
		Notary Public
AFFIX SEAL		
Hilla	ry K. Huszar	1/2 7 /15 (Date)
State of (a) County of	alpuy Smtalilis	(et) Qojs
Huszar, and a	Before me this <u>多子</u> acknowledged to me that th.	day of
AFFIX SEAL	S. KA COMM. # UNITARY PUBLIC SANTA CLAR COMM. EXPIRES	2018055 Notary Public RA COUNTY 0

Mark A.	Maguire		(Date)	
State of)			
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Maguire, and actherein set forth.	Before me thisk knowledged to me tha	day of at he/she executed the	2014, personally appeared N same of his own free will for the	fark A. purposes
			Notary Public	
AFFIX SEAL				
David S	. Utley		(Date)	
State of)			
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E and acknowledge forth.	Before me thised to me that he/she e	day ofexecuted the same of hi	_ 2014, personally appeared D s own free will for the purposes	lavid S. Utley, therein set
			Notary Public	
AFFIX SEAL		f		

Page 4 of 4

Attorney Docket No. H-EB-00672A P025A.01 PATENT

For: [X] U.S. and/or [X] Foreign Rights
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By: [X] Inventor or [] Present Owner

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ASSIG	NORS:	Allen D. Jameson Christopher L. Bagley Hillary K. Huszar Mark A. Maguire David S. Utley
PTO a	dd the fo	Recorded on: Reel Frame
hereby	sells, as	ssigns and transfers to
ASSIG	NEE:	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and the	succes	sors, assigns and legal representatives of the ASSIGNEE
[X] the	entire ri	ght, title and interest
	ındivided	d percent (%) interest for the United States and its territorial
future i	nfringem	reign countries, including all rights to claim priority, the right to sue for present, past and lent, in the United States, its territorial possessions, and in all foreign countries, including al ention rights in and to the invention and any and all improvements entitled:
<u>u</u>	<u>NFURLI</u>	ING ELECTRODE DEVICES WITH THE MULTIPLE LONGITUDINAL ELECTRODE SEGMENTS (Title)
and wh	ich is fou	, , , , , , , , , , , , , , , , , , ,
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Allen D.			(Date)		
State of County of)) ss)				
Jameson, and actherein set forth.	Before me this cknowledged to n	day of ne that he/she exec	cuted the s	_2014, personally appeared Allen D. came of his own free will for the purpose)\$
				Notary Public	
AFFIX SEAL					

Christo	pher L. Bagley	(Date)
State of County of)) ss	
ı	Before me this day of nowledged to me that he/she exe	2014, personally appeared Christopher L. ecuted the same of his own free will for the purposes
		Notary Public
AFFIX SEAL		
Hillary F	K. Huszar	(Date)
State of)	
County of) ss)	
E Huszar, and ackr therein set forth.	Before me this day of nowledged to me that he/she exe	2014, personally appeared Hillary K. ecuted the same of his own free will for the purposes
		Notary Public

Page 3 of 4

Mark A	A. Maguire	UUUU4 (Date)
State of County of Sew Maguire, and actherein set forth	Before me this 11 day of	2014, personally appeared Mark A . cuted the same of his own free will for the purposes
AFFIX SEAL	COMM. # 1959594 NOTARY PUBLIC - CALIFORNI/ SANTA CLARA COUNTY COMM. EXPIRES NOV. 6, 2015	0
David \$	S. Utley	(Date)
State of County of)) ss)	
and acknowledg forth.	Before me this day of ed to me that he/she executed the s	2014, personally appeared David S. Utley , same of his own free will for the purposes therein set
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Attorney Docket No. H-EB-00672A P025A.01 PATENT

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ASSIC	GNEE:	15 H	dien LP ampshire Street sfield, MA 02048			
and th	ne succes	ssors, assigns and legal repres	entatives of the A	SSIGNEE		
[X] th	ne entire i	right, title and interest				
[] an posse	undivide essions	ed percent (_	%) interest	for the Unite	ed States and its to	erritorial
future	infringer	oreign countries, including all ri ment, in the United States, its to vention rights in and to the inve	erritorial possessio	ons, and in a	all foreign countrie	t, past and s, including all
	<u>UNFURL</u>	ING ELECTRODE DEVICES	SEGMENTS	IPLE LONG	GITUDINAL ELEC	TRODE
and w	hich is fo	aund in	(Title)			
anu w	111011 15 10					
(a) (b)	[] [x]	U.S. application Serial No. 1. U.S. provisional application N U.S. provisional application N	4/519,409 Jo. 61/895,501 Jo. 61/895,514	filed on (filed on _ filed on _	October 21, 2014. October 25, 2013 October 25, 2013	
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IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Allen D. Jameson			(Date)
State of County of Be Jameson, and ack therein set forth.)) ss) efore me this knowledged to m	day of ne that he/she exec	2014, personally appeared Allen D. cuted the same of his own free will for the purposes
AFFIX SFAI			Notary Public

Christophe	r L. Bagley	(Date)
State of County of)) ss)	
Before Bagley, and acknow therein set forth.	ore me this day of rledged to me that he/she executed	2014, personally appeared Christopher L. d the same of his own free will for the purposes
		Notary Public
AFFIX SEAL		
Hillary K. H	luszar	(Date)
State of)) ss	
County of)	
Before Huszar, and acknow therein set forth.	ore me this day of vledged to me that he/she execute	2014, personally appeared Hillary K. d the same of his own free will for the purposes
		Notary Public

Page 3 of 4

Mark A. Maguire	(Date)		
State of)) ss			
County of)			
Before me this day of Maguire, and acknowledged to me that he/she exec therein set forth.	2014, personally appeared Mark A. uted the same of his own free will for the purposes		
,	Notary Public		
AFFIX SEAL			
David S. Utley	(Date)		
State of California)			
State of California)) ss County of San Males)			
Before me this 8 day of Novel and acknowledged to me that he/she executed the sa forth.	2014, personally appeared David S. Utley , ame of his own free will for the purposes therein set		
TRICIA ALCONTIN ENRIQUE COMM. # 2075313 OF NOTARY PUBLIC - CALIFORN SAN MATEO COUNTY COMM. EXPIRES JULY 20, 201	Sleie Calyny Notary Public Notary Public		
AFFIX SEAL	$\stackrel{\circ}{\sim}$		

Page 4 of 4