PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bret W. Smith	08/20/2013
David C. Yates	08/15/2013
Daniel J. Abbott	08/28/2013
Richard F. Schwemberger	08/20/2013
Frederick E. Shelton IV	08/13/2013

RECEIVING PARTY DATA

Name:	Ethicon Endo-Surgery, Inc.	
Street Address:	4545 Creek Road	
City:	Cincinnati	
State/Country:	ОНЮ	
Postal Code:	45242	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13961236

CORRESPONDENCE DATA

Fax Number: 4123556501

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (412) 355-6282

Email: piuspatents@klgates.com

Correspondent Name: Brian T. Geisler
Address Line 1: 210 Sixth Avenue
Address Line 2: K&L Gates Center

Address Line 4: Pittsburgh, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END6746USCNT1/100070CON1
NAME OF SUBMITTER:	Brian T. Geisler
	PATENT

502498633 REEL: 031223 FRAME: 0915

13961236

CH \$40.00

Signature:	/Brian T. Geisler/
Date:	09/17/2013
Total Attachments: 8 source=signed_Assignment#page1.tif source=signed_Assignment#page2.tif source=signed_Assignment#page3.tif source=signed_Assignment#page4.tif source=signed_Assignment#page5.tif source=signed_Assignment#page6.tif source=signed_Assignment#page7.tif source=signed_Assignment#page8.tif	

DOCKET NO. END6746USCNT1/100070CON1 Joint Inventors

ASSIGNMENT

Serial No.	13/961,236	
Filed: Aug	gust 7, 2013	

WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; David C. Yates, a citizen of the United States, residing at 7534 Galway Court, West Chester, Ohio 45069; Daniel J. Abbott, a citizen of the United States, residing at 5944 Marsh Circle, Loveland, Ohio 45140; Richard F. Schwemberger, a citizen of the United States, residing at 8250 Eagle Creek Road, Cincinnati, Ohio 45247; and Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

SURGICAL INSTRUMENT BATTERY COMPRISING A PLURALITY OF CELLS

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their 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 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 he has 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.

PI-3538689 v1 0237980-00103

	IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 20 day of Lugust, 2013. (L.S.)
	Bret W. Smith
	STATE OF Ohio)
	COUNTY OF Hamilton) ss.
	BE IT REMEMBERED, That on this Aday of August, 2013, before me, a Notary Public, personally appeared Bret W. Smith, 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 his voluntary act and deed for the uses and purposes
	therein expressed.
/-	SHERRI KING Notary Public
*	Notary Public, State of Ohio My Commission Expires
\	November 28, 2017
	VEOFU
	IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
	\mathcal{N}
	David C. Yates
	STATE OF Ohio
	COUNTY OF HOMILTON SS.
	BE IT REMEMBERED, That on this day of, 2013, before me, a Notary Public, personally appeared <u>David C. Yates</u> , 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 his voluntary act and theed for the uses and purposes
	therein expressed.
	SHERRI KING NOWLY PUBLIC
	Notery Public, State of Ohio My Commission Expires SHERRI KING
	Notary Public, State of Ohio My Commission Expires
	November 26, 2017

Attorney Docket Number: END6746USCNT1/100070CON1 Serial No. 13/961,236 Page 3 of 4

IN TESTIMONY W	HEREOF, Assignor has h 13.	ereunto set h	is hand and seal th	is	_day of
			Daniel J. Al	-1-44	(L.S.)
		,	Daniei J. At	DOCE	
STATE OF	Ohio) .	4		•
		į	SS.		
COUNTY OF		•)	•		
Public, personally appropriate foregoing instrument	EMBERED, That on this peared Daniel J. Abbot in my presence, and I signed, sealed, and deliver	<u>t,</u> who I am I having fir	satisfied is the pe st made known t	erson named to him the	in and who executed contents thereof, he
uiciom expressed.			•		
			Notary Public		
			•		
		. •			
•			•		•
1-109057,201			Richard F. S	L - Sr	hlyks:7
		٠.			
STATE OF	Ohio	·) '			
COUNTY OF	Hamittin	V KTY	ss.	ما	
BE IT REME	EMBERED, That on this	加加	day of MUU	\T _20	13, before me, a Not
executed the foregoing	peared <u>Richard F. Schw</u> instrument in my presence gned, sealed, and deliver	ce, and I hav	ing first made kno	ed is the per wn to him the	son named in and ve contents thereof, he
merem expressed.				wh	MO
RYPUB	•		Notary Public		
S S	HERRI KING)	()
Nota	ry Public, State of Ohio				\sim
/ My	Commission Expires				

Attorney Docket Number: END6746USCNT1/100070CON1 Serial No. 13/961,236 Page 4 of 4

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this day of hours, 2013.

STATE OF

COUNTY OF

BE IT REMEMBERED, That on this day of day of day of day of day of day of lam 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 his voluntary act and deed for the uses and purposes therein expressed.



SHERRI KING Notary Public, State of Ohio My Commission Expires November 28, 2017

DOCKET NO. END6746USCNT1/100070CON1

Joint Inventors

ASSIGNMENT

Serial N	Vo.	13/961,23	6	
Filed:	Aug	ust 7, 201	3	

WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; David C. Yates, a citizen of the United States, residing at 7534 Galway Court, West Chester, Ohio 45069; Daniel J. Abbott, a citizen of the United States, residing at 5944 Marsh Circle, Loveland, Ohio 45140; Richard F. Schwemberger, a citizen of the United States, residing at 8250 Eagle Creek Road, Cincinnati, Ohio 45247; and Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

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for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their 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 of the United States to issue said Letters Patent in accordance with this Assignment;

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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.

Attorney Docket Number: END6746USCNT1/100070CON1 Serial No. 13/961,236 Page 2 of 4

, 20	15.		в .	<u> </u>	(L.S.)
			Bret W. Smi	th	` ,
STATE OF	Ohio				
COUNTY OF	·	_)	SS.		
Public, personally appropriate foregoing instrument	ppeared <u>Bret W. Sm</u> t in my presence, a	<u>ith</u> , who I am nd I having fi	satisfied is the per	, 2013, before son named in and who him the contents act and deed for the us	no executed the
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		•	Notary Public		
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			· :		
IN TESTIMONY WE	HEREOF, Assignor ha	s hereunto set h	is hand and seal thi	s day of	
		•	1. <u>1</u> 27	(L.S.)	
			David C. Ya	tes	
STATE OF	Ohio)			*
		_ 	SS.		
COUNTY OF	·)			
Public, personally ap foregoing instrument	peared David C. Ya in my presence, a	<u>tes,</u> who I am nd I having fi	satisfied is the per	, 2013, befor son named in and who him the contents to ct and deed for the use	o executed the
			Notary Public		

Attorney Docket Number: END6746USCNT1/100070CON1 Serial No. 13/961,236 Page 3 of 4

August, 20	13.	· ·	s hand and seal this	(L.S.)
STATE OF COUNTY OF	Ohio Hamilton)	ss.	
Public, personally ap foregoing instrument acknowledge that he therein expressed.	peared <u>Daniel J. Abbott</u> t in my presence, and I signed, sealed, and deliver	, who I am having firs	satisfied is the berson at made known to h	, 2013, before me, a Notar named in and who executed the im the contents thereof, he did nd deed for the uses and purpose
	ANGELA HALL		Notary Public	affall
MYC	NOTARY PUBLIC - OHIO COMMISSION EXPIRES 07-06-16			
	HEREOF, Assignor has her	eunto set his	s hand and seal this	day of
, 20	13.			(L.S.)
		•	Richard F. Schw	vemberger
STATE OF	<u>Ohio</u>)	SS.	
		,	33.	
COUNTY OF		j		
BE IT REM Public, personally ar executed the foregoin acknowledge that he	ppeared Richard F. Schwag instrument in my present	vemberger, ce, and I hav	who I am satisfied i ing first made known	s the person named in and who to him the contents thereof, he did
BE IT REM Public, personally ap executed the foregoin	ppeared Richard F. Schwag instrument in my present	vemberger, ce, and I hav	who I am satisfied i ing first made known	, 2013, before me, a Notary sthe person named in and who to him the contents thereof, he did not deed for the uses and purpose
BE IT REM Public, personally ar executed the foregoin acknowledge that he	ppeared Richard F. Schwag instrument in my present	vemberger, ce, and I hav	who I am satisfied i ing first made known	s the person named in and who to him the contents thereof, he did

Attorney Docket Number: END6746USCNT1/100070CON1 Serial No. 13/961,236 Page 4 of 4

IN TESTIMONY W	HEREOF, Assignor has hereu	nto set	his hand and seal	this day of
, 20	013.			
				(L.S.)
		Frederick E. Shelton, IV		
-				
STATE OF	<u>Ohio</u>)	ss.	
COUNTY OF	· · · · · · · · · · · · · · · · · · ·)		
Public, personally ap	peared Frederick E. Shelton ment in my presence, and I	, IV, w having	ho I am satisfied g first made kno	, 2013, before me, a Notary is the person named in and who executed own to him the contents thereof, he did ry act and deed for the uses and purposes
			Notary Publ	io.

PATENT REEL: 031223 FRAME: 0924

RECORDED: 09/17/2013