PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Brett 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:	13961245

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:	END6746USCNT2/100070CON2
NAME OF SUBMITTER:	Brian T. Geisler
	PATENT

502498620 REEL: 031223 FRAME: 0872

139612/5

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. END6746USCNT2/100070CON2 Joint Inventors

ASSIGNMENT

Serial No.	13/961,245	
Filed: Au	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:

ORIENTABLE BATTERY FOR A SURGICAL INSTRUMENT

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.

Attorney Docket Number: END6746USCNT2/100070CON2 Serial No. 13/961,245 Page 2 of 4

IN TESTIMONY WI		eunto set his hand and seal this	day of (L.S.)
Public, personally ap	Chio Hamita EMBERED, That on this peared Bret W. Smith, which is many presence, and I is	day of August ho I am satisfied is the person name having first made known to him the	2013, before me, a Notary d in and who executed the e contents thereof, he did
		d the same as his voluntary act and de	
IN TESTIMONY WH 2013.	EREOF, Assignor has here	unto set his hand and seal this 15th	day of August, (L.S.)
STATE OF COUNTY OF	Hemiten) ss.	
Public, personally appropriate foregoing instrument	in my presence, and I h	day of	e contents thereof, he did
	SHERRI KING Notary Public, State of Ohio My Commission Expires November 28, 2017	Notary Public	

Attorney Docket Number: END6746USCNT2/100070CON2 Serial No. 13/961,245 Page 3 of 4

, 2013	•			(L.S.)
	•		Daniel J. Abbott	
			•	
STATE OF	Ohio)		
)	SS.	
COUNTY OF	4-man)		
Public, personally apper foregoing instrument i	n my presence, and I	who I am s having firs	satisfied is the person nat t made known to him	, 2013, before me, a Notary med in and who executed the the contents thereof, he did deed for the uses and purposes
morem expressed.			t_{ℓ}	•
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•		•	Richard F. Schwem	berger '
STATE OF	Ohio)	•	
	Hamilton	, {	SS.	
COUNTY OF	The It it the	nAth.	Dinie	
	MBERED, That on this _		lay of	_, 2013, before me, a Notary
Public, personally appe	ared Richard F. Schwe	emberger,	who I am satisted is the	ne person named in and who tim the contents thereof, he did
				deed for the uses and purposes
therein expressed.			$\langle \gamma \gamma \rangle$	
TARYPUR		/	MINIO	K IN O
	SHERRI KING		Name Bulbio	WV -
	ary Public, State of Ohio	(-	Notary Public	
	ly Commission Expires		7	\mathcal{L}
	November 28, 2017		·	

Attorney Docket Number: END6746USCNT2/100070CON2 Serial No. 13/961,245 Page 4 of 4

IN TESTIMONY WHEREOF, Assignor has hereunto set his	s hand and seal thisday of
August, 2013.	4 115 Men
V	full (L.S.)
	/ Frederick E. Shelton, IV
STATE OF Ohio)	
COUNTY OF TAMITM	SS.
12.4h	Minnet
BE IT REMEMBERED, That on this	day of \(\int \lambda
Public, personally appeared <u>Frederick E. Shelton, IV</u> , who the foregoing instrument in my presence, and I having f	I am satisfied is the person named in and who executed irst 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.	
	1 W 1 1 W 1 0
	Notary Public
TERY PUB	· ·
SHERRI KING	
Notary Public, State of Ohio	
My Commission Expires November 28, 2017	
1 ACAGHARA E COLEAN	•

DOCKET NO. END6746USCNT2/100070CON2

Joint Inventors

ASSIGNMENT

Serial 1	No. <u>13/</u>	<u>961,245</u>	
Filed:	August	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:

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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;

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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.

, 20	13.			(L.S.)
			Bret W. Smith	
	·		•	
STATE OF	Ohio	_)		
COUNTY OF	·		SS.	
Public, personally apforegoing instrument	peared Bret W. Smi in my presence, ar	<u>th</u> , who I am sa nd I having first	tisfied is the pers made known to	, 2013, before me, a Not son named in and who executed to him the contents thereof, he ct and deed for the uses and purpo
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		÷ .	Notary Public	
			Notary Public	
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N TESTIMONY WE	IEREOF, Assignor has	s hereunto set his	hand and seal this	day of,
		•	*	(L.S.)
			David C. Yat	
STATE OF	Ohio	,		
	Omo	_	ss.	
COUNTY OF		_)		
ublic, personally ap oregoing instrument	peared David C. Yat in my presence, an	<u>tes,</u> who I am sa id I having first	tisfied is the pers made known to	, 2013, before me, a Nota son named in and who executed to him the contents thereof, he of and deed for the uses and purpos
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	*		Notary Public	141111111111111111111111111111111111111

IN TESTIMONY WI	HEREOF, Assignor has l	Daniel J. Abbo	(L.S.)	
STATE OF	Ohio	· · · · · · · · · · · · · · · · · · ·		
COUNTY OF	Hamilton	ι), ss. ,		
	EMBERED, That on thi	s 28th day of Augu	4, 2013, before me, a Notar	
Public, personally app	peared Daniel J. Abbo	<u>tt</u> , who I am satisfied is the perso	n named in and who executed th	
acknowledge that he s	in my presence, and signed, sealed, and deliver	I having first made known to learned the same as his voluntary act	nim the contents thereof, he di and deed for the uses and purpose	
therein expressed.		1		
WHITE THE PARTY OF		1///	1 1200	
	AMORIA MALI	MUCH	affall	
NC NC	ANGELA HALL OTARY PUBLIC - OHIO	Notary Public		
MY CO	MMISSION EXPIRES 07-06-16			
WHEELSHIP	***************************************			
		•	:	
IN TESTIMONY WH	EREOF, Assignor has he	ereunto set his hand and seal this	day of	
, 201	3.	· · · · · · · · · · · · · · · · · · ·	(T. C.)	
		Richard F. Schwemberger		
STATE OF	Ohio	•		
STATE OF	Omo) ss.		
COUNTY OF		·)		
Public, personally appeared the foregoing	peared <u>Richard F. Sch</u> g instrument in my preser	day of day of	is the person named in and wh to him the contents thereof, he di	
		1 <u>E</u>		
		Notary Public		

Attorney Docket Number: END6746USCNT2/100070CON2 Serial No. 13/961,245 Page 4 of 4

IN TESTIMONY WH	EREOF, Assignor has hereu	into set hi	s hand and seal	this day of	,
, 201	3.				
					_ (L.S.)
			Frederick E. Shelton, IV		
		•			
STATE OF	Ohio)	 SS.		
COUNTY OF)			
Public, personally app the foregoing instrum	EMBERED, That on thiseared <u>Frederick E. Shelton</u> ent in my presence, and I	<u>, IV</u> , who having f	I am satisfied i irst made knov	s the person named in vn to him the conten	and who executed ts thereof, he did
acknowledge that he s therein expressed.	igned, sealed, and delivered	the same	as his voluntar	y act and deed for the	uses and purposes
			•		
			Notary Public	c	

PATENT REEL: 031223 FRAME: 0881

RECORDED: 09/17/2013