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	06/25/2013
Daniel J. Abbott	06/21/2013
Richard F. Schwemberger	06/20/2013
Frederick E. Shelton IV	06/20/2013
Chad P. Boudreaux	06/20/2013
Brett E. Swensgard	06/20/2013
Ryan J. Laurent	06/20/2013

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:	13785432

CORRESPONDENCE DATA

502419321

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: END6412USCNT1/080201CON1

REEL: 030797 FRAME: 0148

PATENT

13785432

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NAME OF SUBMITTER:	Brian T. Geisler
Signature:	/Brian T. Geisler/
Date:	07/15/2013
Total Attachments: 10 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 source=signed_Assignment#page9.tif source=signed_Assignment#page9.tif	

DOCKET NO. END6412USCNT1/080201CON1

Joint Inventors

ASSIGNMENT

Serial No	. 13/785,432	
Filed: M	larch 5, 2013	

WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; 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; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Chad P. Boudreaux, a citizen of the United States, residing at 10840 Lakehurst Court, Cincinnati, Ohio 45242; Brett E. Swensgard, a citizen of the United States, residing at 7936 Orchard Court, West Chester, Ohio 45069; and Ryan J. Laurent, a citizen of the United States, residing at 6665 Miami Woods Drive, Loveland, Ohio 45140; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

POWERED SURGICAL CUTTING AND STAPLING APPARATUS WITH MANUALLY RETRACTABLE FIRING SYSTEM

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-3477322 v2 0237980-00568

IN TESTIMONY WHER JUNE, 2013.	EOF, Assignor has hereunto	set his hand and seal this	day of
JUNE , 2013.		Buturna	(L.S.)
		Bret W. Smith	(2.0.)
STATE OF	Ohio		
STATE OF	Ohio)	SS,	
COUNTY OF	HOMITION J	h	
	BERED, That on this	day of Jule	_, 2013, before me, a Notary
Public, personally appear	ed Bret W. Smith, who I a	am satisfied is the person nan g first made known to him	ned in and who executed the
acknowledge that he signe	ed, sealed, and delivered the s	same as his voluntary act and o	the contents thereof, he did leed for the uses and purposes
therein expressed.			/ 5
			MO
PEO.	SHERRI KING Notary Public, State of Ohio Sharmonian Explines	Notary Public	//
*	I A. C. COMMISSION PARISON		
	November 28, 2017	V	V.
VÝ TE ÖF Ó			
IN TESTIMONY WHERE 2013.	OF, Assignor has hereunto se	et his hand and seal this	day of,
2013.			
			(L.S.)
		Daniel J. Abbott	(2.0.)
STATE OF	Ohio)		
COUNTY OF)	SS.	
•	,		
BE IT REMEME Public, personally appeare	BERED, That on this ed Daniel J. Abbott, who I	day of am satisfied is the person nar	, 2013, before me, a Notary
foregoing instrument in a	my presence, and I having	first made known to him	the contents thereof, he did
acknowledge that he signed therein expressed.	d, sealed, and delivered the sa	ame as his voluntary act and d	eed for the uses and purposes
· •			
		<u> </u>	
		Notary Public	

Attorney Docket Number: END6412USCNT1/080201CON1 Serial No. 13/785,432 Page 3 of 5

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this **ゴ**かで _, 2013. STATE OF COUNTY OF BE IT REMEMBERED, That on this day of , 2013, before me, a Notary Public, personally appeared Richard F. Schwemberger, 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 SHERRI KING Notary Public, State of Ohio My Commission Expires November 28, 2017 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this Jung , 2013. STATE OF SS. COUNTY OF day of W BE IT REMEMBERED, That on this _ ___, 2013, before me, a Notary Public, personally appeared Frederick E. Shelton, IV, 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, State of Ohio My Commission Expires

November 28, 2017

Attorney Docket Number: END6412USCNT1/080201CON1

Serial No. 13/785,432 Page 4 of 5

IN TESTIMONY W	HEREOF, Assignor has hereur	nto set his	hand and seal this		y of
June, 20	013.		Chad P. Bouc	Doud Ireaux	(L.S.)
STATE OF	Ohio	•			
STATEOF	Mana Has)	SS.		
COUNTY OF	HENNI UM		-		
BE IT REM	MEMBERED, That on this \mathcal{D}	A) HI d	ay of JW	<u></u>	, before me, a Notary
Public, personally ap	ppeared Chad P. Boudreaux,	who I am	satisfied is the per	rson named in	and who executed the
acknowledge that he	at in my presence, and I has signed, sealed, and delivered	iving first the same a	made known to s his voluntary ac	him the con tand deed for	tents thereof, he did
therein expressed.	<i>G</i> ,,			1/-	me uses and purposes
				AVIN	0
A PAY PUR					<u> </u>
	SHERRI KING		Notary Public "	,	<i>、</i>
*	Notary Public, State of Ohio My Commission Expires		\supset		\bigcup
	November 28, 2017				
	7				
IN TESTIMONV W	HEREOF, Assignor has hereun	sta aat hig b	and and seal this	#20 se	
June, 20		no sei ms i	iand and sear this	- vo · vo day	/ OI
<u>JUN 4</u> , 20			75		1 (L.S.)
			Brett E. Swen	sgard	<u>/ (</u> L.S.)
				- 	
STATE OF	Ohio)			
	Unni Han)	SS.		
COUNTY OF	1 1001111 11(1),	11.	—		
DE IT DEM	EMPEDED That on this	MI	ad lung	2012	h-C
	EMBERED, That on this <u>[</u>] peared <u>Brett E. Swensgard</u> , v		y of Wilcongraphic will be set of the set of		before me, a Notary
foregoing instrument	t in my presence, and I have	ving first	made known to	him the cont	ents thereof, he did
acknowledge that he therein expressed.	signed, sealed, and delivered t	the same as	his voluntary act	and deed for	the uses and purposes
increm expressed.		1	$\langle \chi \chi$		
			WIN	YM ()	
	SHERRI KING		Notary Public	-, , , ,	
A N	otary Public, State of Ohio My Commission Expires			\	\
	November 28, 2017		~		<i>)</i>

Attorney Docket Number: END6412USCNT1/080201CON1 Serial No. 13/785,432 Page 5 of 5

4	WHEREOF, Assignor has hered	into set his hand and so	ceal this 20	_ day of (L.S.)
		Kyan 3	1, Laurent	
STATE OF	Ohio)) ss.		
COUNTY OF	Hamilton)		
BE IT RE	EMEMBERED, That on this	hotel day of	line	2013, before me, a Notar
Public, personally foregoing instrum acknowledge that l	appeared Ryan J. Laurent , went in my presence, and I has signed, sealed, and delivered	ho I am satisfied is t	the person named own to him the	in and who executed the
therein expressed.			lut	Mo
*	SHERRI KING Notary Public, State of Ohio My Commission Expires November 28, 2017	Notary Pu	iblic	
	Money por por			

DOCKET NO. END6412USCNT1/080201CON1

Joint Inventors

ASSIGNMENT

Serial No	o. <u>13/785,432</u>	
Filed: N	March 5, 2013	

WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; 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; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Chad P. Boudreaux, a citizen of the United States, residing at 10840 Lakehurst Court, Cincinnati, Ohio 45242; Brett E. Swensgard, a citizen of the United States, residing at 7936 Orchard Court, West Chester, Ohio 45069; and Ryan J. Laurent, a citizen of the United States, residing at 4560 Snowbird Drive, Liberty Township, Ohio 45011; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

POWERED SURGICAL CUTTING AND STAPLING APPARATUS WITH MANUALLY RETRACTABLE FIRING SYSTEM

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.

, 201			(L.S.)	
			Bret W. Smith	
STATE OF	Ohio	·)		
)	SS.	
COUNTY OF)		
Public, personally ap foregoing instrument	in my presence, and I	ho I am having f	day of, 2013, before me, a Natisfied is the person named in and who execute first made known to him the contents thereof, have as his voluntary act and deed for the uses and pure	ed the
			Notary Public	
		*		
				1
•			- - -	
IN TESTIMONY WH 2013.	EREOF, Assignor has here	unto set l	his hand and seal this 21 day of June	,
			Daniel J. Abbott	
STATE OF	<u>Ohio</u>)		
COUNTY OF	Hamilton)	ss.	
foregoing instrument acknowledge that he s	in my presence, and I	wno i an having f	day of, 2013, before me, a Me n satisfied is the person named in and who execute first made known to him the contents thereof, he as his voluntary act and deed for the uses and pure	ed the
therein expressed.			Notary Public Notary Public	
			ANGELA HALL NOTARY PUBLIC - OHIO MY COMMISSION EXPIRES 07-0	

Attorney Docket Number: END6412USCNT1/080201CON1 Serial No. 13/785,432 Page 3 of 5

			(L.S.)
		Richard F.	Schwemberger
STATE OF	Ohio)) ss.	
COUNTY OF		· .)	
Public, personally apprexecuted the foregoing	peared Richard F. Schwe instrument in my presence	mberger, who I am satisf , and I having first made kn	, 2013, before me, a Notary ied is the person named in and who own to him the contents thereof, he did act and deed for the uses and purpose
		Notary Public	and the second s
IN TESTIMONY WH	EREOF, Assignor has here	unto set his hand and seal th	is day of
, 201		into set his hand and sear th	
		Frederick F	(L.S.)
OT ATE OF	Ok:		
STATE OF	Ohio)) ss.	
COUNTY OF)	
Public, personally app the foregoing instrum	eared <u>Frederick E. Shelton</u> ent in my presence, and	1, IV , who I am satisfied is I having first made known	, 2013, before me, a Notary the person named in and who executed to him the contents thereof, he did act and deed for the uses and purposes
		Notary Public	

Attorney Docket Number: END6412USCNT1/080201CON1 Serial No. 13/785,432 Page 4 of 5

, 20	13.								
					(I	S.)			
	Chad P. Boudreaux								
STATE OF	Ohio)	SS.	·					
COUNTY OF). }	33.						
COUNTION	- Land And And And And And And And And And A	. ,							
BE IT REM	EMBERED, That on this		day of		, 2013, before	me, a Nota			
foregoing instrumen	peared Chad P. Boudreaux t in my presence, and I h signed, sealed, and delivered	aving fi	st made know	n to him th	e contents th	ereof, he d			
			Notary Publi	ic					
		•							
					Q	,			
N TESTIMONY WI	HEREOF, Assignor has hereu	into set h	is hand and seal	this	day of				
, 20	13.								
					(I	S.)			
			Brett E. S	Swensgard					
STATE OF	Ohio)							
		.)	SS.		*				
COUNTY OF)	•						
DE IT DEM	EMBERED, That on this _		day of		2012 hefore	me a Nota			
Public, personally ap foregoing instrument	peared <u>Brett E. Swensgard</u> , t in my presence, and I h signed, sealed, and delivered	, who I an aving fin	n satisfied is the	e person nam n to him th	ned in and who	o executed the core of, he			

			Notary Publi	· _ ·					

Attorney Docket Number: END6412USCNT1/080201CON1 Serial No. 13/785,432 Page 5 of 5

IN TESTIMONY	WHEREOF, Assignor ha	as hereunto set	his hand an	d seal this _	day of		
	2013.						
					. (L	S.)	
			Ryan J. Laurent				
STATE OF	Ohio	_)	SS.				
COUNTY OF		_)					
Public, personally foregoing instrum	EMEMBERED, That on appeared Ryan J. Lau tent in my presence, a the signed, sealed, and do	rent, who I and I having f	n satisfied irst made	is the persor known to h	n named in and who nim the contents th	executed the ereof, he die	
			Notan	v Public			

PATENT REEL: 030797 FRAME: 0159

RECORDED: 07/15/2013