PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Frederick E. Shelton IV	06/13/2013
John N. Ouwerkerk	06/17/2013
Jerome R. Morgan	06/13/2013
Jeffrey S. Swayze	06/13/2013

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:	13791909

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:	END5773USCNT16/050698CN16
NAME OF SUBMITTER:	Brian T. Geisler
Signature:	/Brian T. Geisler/

502419358 REEL: 030797 FRAME: 0318

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Date:	07/15/2013
Total Attachments: 6 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	

DOCKET NO. END5773USCNT16/050698CN16

Joint Inventors

ASSIGNMENT

Serial:	No.	13/79	1,909	
Filed:	_Ma	arch 9,	2013	

WHEREAS, Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; John N. Ouwerkerk, a citizen of the United States, residing at 406 Rainbow Drive, Staunton, Virginia 24401; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; and Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

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.

PI-3477098 v1 0237980-00561

Attorney Docket Number: END5773USCNT16/050698CN16 Serial No. 13/791,909 Page 2 of 3

IN TESTIMONY WHE	REOF, Assignor has hereunt	o set his hand and seal this	day of
<u>June</u> , 2013.		halls	(L.S.)
		Frederick E. Shelt	on, IV
STATE OF	<u>Ohio</u>)	
COUNTY OF	Hamilter) ss. —	
BE IT REMEM	BERED, That on this	day of MML	, 2013, before me, a Notary
Public, personally appear	ed Frederick E. Shelton, IV	who I am satisfied is the per	son named in and who executed
acknowledge that he sign	in my presence, and I hat led, sealed, and delivered the	ving first made known to his same as his voluntary act and	m the contents thereof, he did deed for the uses and purposes
therein expressed			
	SHERRI KING	- VIVI	(M_{ρ})
*	Notary Public, State of Ohio My Commission Expires	Notary Public	
	November 28, 2017	\searrow)
TE OF OT			
IN TESTIMONY WHER 2013.	EOF, Assignor has hereunto	set his hand and seal this	day of,
2013.			
			(L.S.)
	•	John N. Ouwerker	k
STATE OF)		
COUNTY OF)	SS.	
BE IT REMEMI	BERED, That on this	day of	_, 2013, before me, a Notary
ruone, personany appeare	a John N. Ouwerkerk, wh	o I am satisfied is the nerson n	amed in and who executed the the contents thereof, he did
acknowledge that he signe therein expressed.	ed, sealed, and delivered the	same as his voluntary act and	deed for the uses and purposes
mereni expressed.			•
		Notary Public	

Attorney Docket Number: END5773USCNT16/050698CN16 Serial No. 13/791,909 Page 3 of 3

IN TESTIMONY WHE	REOF, Assignor has hereunto set	his hand and seal this	_ day of (L.S.)
		Jerome R. Morgan	(E.S.)
STATE OF	Ohio)		
COUNTY OF	Hamitton 12th	ss.	
Public, personally appea	MBERED, That on this 10 this red Jerome R. Morgan, who I a	m satisfied is the person named	013, before me, a Notary in and who executed the
foregoing instrument in acknowledge that he sig	n my presence, and I having funed, sealed, and delivered the same	irst made known to him the one as his voluntary act and deed:	contents thereof, he did for the uses and purposes
more market of the second of t	SHERRI KING	Miki	0
*	Notary Public, State of Ohio My Commission Expires	Notary Public	\
	November 28, 2017		J
*** **********************************			
IN TESTIMONY WHER	REOF, Assignor has hereunto set h	his hand and seal this 13 th	day of
		Jeffrey S. Swayze	(L.S.)
STATE OF	Ohio)		
COUNTY OF	Hemita ;	ss.	
	BERED, That on this 13th	day of, 20	13, before me, a Notary
foregoing instrument in	red <u>Jeffrey S. Swayze</u> , who I am my presence, and I having fi ed, sealed, and delivered the sam	rst made known to him the c	ontents thereof, he did
therein expressed.	, , , , , , , , , , , , , , , , , , , ,		N
RY PUL		MI M	
	SHERRI KING	Notary Phylic	
* No	ary Public, State of Ohio ly Commission Expires November 28, 2017	\	·
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DOCKET NO. END5773USCNT16/050698CN16

Joint Inventors

ASSIGNMENT

Serial 1	No.	13/791,909	
Filed:	Ma	rch 9, 2013	

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PI-3477098 v1 0237980-00561

, 2013					(L.S.)
			Frederic	k E. Shelton, IV	
ГАТЕ OF	Ohio)	SS.		
OUNTY OF		j	30.) /	
blic, personally appeared foregoing instrument	MBERED, That on the cared Frederick E. She can tin my presence, a gned, sealed, and deliver	e <mark>lton, IV</mark> , wl and I having	no I am satisfied first made kno	l is the person na own to him the	contents thereof, he
			Notary Pub	lic	·
•					
I TESTIMONY WHI	EREOF, Assignor has l	nereunto set		NCU-Ouwerkerk	
CATE OF C: 1 OUNTY OF	Virginia Staunto)	ss.		
ublic, personally apported in the property of the person in the person i	EMBERED, That on the cared John N. Ouwerle in my presence, and igned, sealed, and delivered	<u>kerk</u> , who I I having f	am satisfied is t irst made knov	he person named wn to him the	contents thereof, he
			Rolle Notary Pub	ecc F. Q	mplell
				RESECCA F. CAI Notary Put Commonwealth o 279417 Commission Expire	lic f Virginia

				(L.S.)
		Jerome	R. Morgan	
STATE OF	<u>Ohio</u>)) ss.		
COUNTY OF) 33.		
Public, personally app foregoing instrument	eared Jerome R. Morgin my presence, and	is day of gan, who I am satisfied is I having first made knowered the same as his volun	the person named in a own to him the com	and who executed the tents thereof, he di-
		Notary Pu	blic	
		ereunto set his hand and se	al this day	of
, 201	3.			(L.S.)
	•	Jeffrey	S. Swayze	(2.3.)
STATE OF	Ohio)		
COUNTY OF	<u> </u>) ss.		
BE IT REME	EMBERED, That on th	is day of	, 2013	, before me, a Notar
foregoing instrument	in my presence, and	ze, who I am satisfied is t I having first made knowered the same as his volun	own to him the con	tents thereof, he di
		Notary Pu	1 1*	

PATENT REEL: 030797 FRAME: 0325

RECORDED: 07/15/2013