### 502166429 12/18/2012

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
James R. Giordano	10/16/2012
Jeffrey S. Swayze	10/11/2012
Frederick E. Shelton IV	10/11/2012
Jerome R. Morgan	10/11/2012
John N. Ouwerkerk	10/05/2012

#### **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:	13631346

### **CORRESPONDENCE DATA**

**Fax Number**: 4123556501

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

Phone: (412) 355-6798

Email: PIUSPATENTS@klgates.com

Correspondent Name: Christopher G. Wolfe
Address Line 1: 210 Sixth Avenue
Address Line 2: K&L Gates Center

Address Line 4: Pittsburgh, PENNSYLVANIA 15222-2613

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NAME OF SUBMITTER: Christopher G. Wolfe	

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Total Attachments: 8	
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#### DOCKET NO. END5924USCNT4/060339CON4

Joint Inventors

#### ASSIGNMENT

Serial No. <u>13/631,346</u> Filed: <u>September 28, 2012</u>

WHEREAS, James R. Giordano, a citizen of the United States, residing at 5647 Chestmutview Lane, Milford, Ohio 45150; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; and John N. Ouwerkerk, a citizen of the United States, residing at 406 Rainbow Drive, Staunton, Virginia 24401; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

# SURGICAL INSTRUMENT WITH WIRELESS COMMUNICATION BETWEEN CONTROL UNIT AND REMOTE SENSOR

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-3414026 v1 0237980-00482

Attorney Docket Number: END5924USCNT4/060339CON4 Serial No. 13/631,346 Page 2 of 4

	TESTIMONY WHERE OBER, 2012.	BOF, Assignor has hereu	into set his	James R. Giordan	day of (L.S	J.)
SŤA	TE OF	Ohio	)			
COL	JNTY OF	Hamilton	)	SS.		
foregacku	BE IT REMEMB.  lic, personally appeared going instrument in recommendation that he signed with expressed  My	ERED, That on this, I James R. Giordano, on presence, and I had, sealed, and delivered to the control of	who I am : ving first	satisfied is the personade known to he shis voluntary act a	on named in and who on the contents there	executed the eof, he did nd purposes
IN T 2012		OF, Assignor has hereun	ito set his l	and and seal this	day of Octor	<u>sea</u> ,
	<b>.</b>			Jeffrey S. Swayze	(L.S.)	
	TE OF	Ohio	)	SS.		
COL	JNTY OF	Hamilton	)			
foreg ackno	c, personally appeared oing instrument in mowledge that he signed in expressed.  KARA N NOTAE STATE Recc	BRED, That on this	ho I am sa ving first he same as	tisfied is the persor made known to he s his voluntary act a	named in and who e im the contents there	xecuted the eof, he did
A PROPERTY OF	My Comm.	Exp. 5/31/14				
:						

Attorney Docket Number: END5924USCNT4/060339CON4 Serial No. 13/631,346 Page 3 of 4

	IN TESTIMONY V	WHEREOF, Assignor has her	eunto set	his hand and seal this Alad day of
	October, 2	012.		Frederick E. Shelton, IV (L.S.)
	STATE OF	Ohio	)	
	COUNTY OF	Hamilton	)	SS.
いく・の	Public, personally at the foregoing instru acknowledge that he therein expressed.	ppeared <u>Frederick E. Shelto</u> ment in my presence, and e signed, sealed, and delivere  KARA N. TULANKO  NOTARY PUBLIC  STATE OF OHIO  Recorded in  Hamilton County  My Comm. Exp. 5/31/14	n, IV, what I having do the sam	day of <u>Dcto bev</u> , 2012, before me, a Notary to I am satisfied is the person named in and who executed first made known to him the contents thereof, he did e as his voluntary act and deed for the uses and purposes    August   August
	IN TESTIMONY WI October, 20	HEREOF, Assignor has here 12.	unto set h	is hand and seal this day of (L.S.)
	STATE OF	Ohio Hamilton	)	SS.
	BE IT REM Public, personally ap foregoing instrument	EMBERED, That on this peared <u>Jerome R. Morgan</u> , t in my presence, and I h	who I ar naving fin	day of October, 2012, before me, a Notary a satisfied is the person named in and who executed the st made known to him the contents thereof, he did as his voluntary act and deed for the uses and purposes
	A PIAL SELECTION OF THE PERSON	KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in		Hara A. Sulanko Notary Public
	A DE	Hamilton County My Comm. Exp. 5/31/14		

Attorney Docket Number: END5924USCNT4/060339CON4 Serial No. 13/631,346 Page 4 of 4

IN TESTIMONY WH	EREOF, Assignor has her 2.	reunto set his hand and seal	this day of
		John N. Ou	werkerk (L.S.)
STATE OF	. ,	)	
COUNTY OF		) ss )	
Public, personally appropriate foregoing instrument	eared <u>John N. Ouwerker</u> in my presence, and I	<u>rk,</u> who I am satisfied is the having first made known	, 2012, before me, a Nota e person named in and who executed to it to him the contents thereof, he d y act and deed for the uses and purpos
		Notary Public	3

#### DOCKET NO. END5924USCNT4/060339CON4

Joint Inventors

#### ASSIGNMENT

Serial N	Vo.	13/631,346	
Filed:	Sep	tember 28, 2012	

WHEREAS, James R. Giordano, a citizen of the United States, residing at 5647 Chestnutview Lane, Milford, Ohio 45150; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; and John N. Ouwerkerk, a citizen of the United States, residing at 406 Rainbow Drive, Staunton, Virginia 24401; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

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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.

			T D C!	(L.S.)
			James R. Gio	rdano
STATE OF	Ohio	)	99	
COUNTY OF	<del></del>		SS.	
Public, personally apported foregoing instrument	eared <u>James R. G</u> in my presence,	iordano, who I and I having	am satisfied is the first made known	, 2012, before me, a Not person named in and who executed to him the contents thereof, he act and deed for the uses and purpo
			Notary Public	
D	EDEOR A ?	haa hamayusta aat		
	EREOF, Assignor	nas nereunto set	his hand and seal th	is, day of,
	EREOF, Assignor	nas nereunto set		(L.S.)
2012.		nas nereunio sei	Jeffrey S. Swa	(L.S.)
2012. STATE OF	Ohio			(L.S.)
COUNTY OF	<u>Ohio</u>		Jeffrey S. Swa	ayze (L.S.)
STATE OF  COUNTY OF  BE IT REME  Public, personally apper Oregoing instrument	Ohio  EMBERED, That of eared Jeffrey S. S in my presence,	on this	Jeffrey S. Swass.  ss.  day of m satisfied is the parties made known	(L.S.)

Attorney Docket Number: END5924USCNT4/060339CON4 Serial No. 13/631,346 Page 3 of 4

			(L.S.)
		Frederick E. Sh	elton, IV
STATE OF	Ohio	) ) ss.	
COUNTY OF	·	)	
Public, personally appoint foregoing instructions.	peared Frederick E. Shelton, ment in my presence, and I	<u>IV</u> , who I am satisfied is the having first made known t	, 2012, before me, a Nota e person named in and who execut o him the contents thereof, he of t and deed for the uses and purpos
		Notary Public	
N TESTIMONY WI	IEREOF, Assignor has hereun	to set his hand and seal this	day of
, 20	2.		(T.C.)
		Jerome R. Morg	an (L.S.)
STATE OF	Ohio	)	
COUNTY OF		) ss.	
	eared <b>Jerome R. Morgan</b> , v	ho I am satisfied is the pers	, 2012, before me, a Nota
oregoing instrument cknowledge that he	in my presence, and I has signed, sealed, and delivered t		and deed for the uses and purpos
oregoing instrument cknowledge that he			
oregoing instrument			

Attorney Docket Number: END5924USCNT4/060339CON4 Serial No. 13/631,346

Page 4 of 4

IN TESTIMONY W	HEREOF, Assignor has hered 012.	unto set his hand and seal  Ohn  John N. Ou	new	f (L.S.)
STATE OF C: ly COUNTY OF	Virginia Staunton	) ) ss. )		
Public, personally a foregoing instrument	MEMBERED, That on this _ppeared John N. Ouwerkerk at in my presence, and I has signed, sealed, and delivered	, who I am satisfied is the naving first made know	ne person named in and not	l who executed the ts thereof, he did
near o	24 F 04400ELS	Rober Notary Publ	ca J. Campl	20

**PATENT** 

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REBECCA F. CAMPBELL Notary Public Commonwealth of Virginia 279417 My Commission Expires Apr 30, 2015