

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frederick E. Shelton IV</td> <td>06/13/2013</td> </tr> <tr> <td>John N. Ouwerkerk</td> <td>06/17/2013</td> </tr> <tr> <td>Jerome R. Morgan</td> <td>06/13/2013</td> </tr> <tr> <td>Jeffrey S. Swayze</td> <td>06/13/2013</td> </tr> </tbody> </table>		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
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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:	OHIO										
Postal Code:	45242										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13791909</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13791909						
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CORRESPONDENCE DATA											
Fax Number:	4123556501										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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/										

PATENT

Date:

07/15/2013

Total Attachments: 6

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ASSIGNMENT

Serial No. 13/791,909Filed: March 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.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of June, 2013.

[Signature] (L.S.)
Frederick E. Shelton, IV

STATE OF

Ohio

COUNTY OF

Hamilton

ss.

BE IT REMEMBERED, That on this 13th day of June, 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

[Signature]
Notary Public

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

John N. Ouwerkerk (L.S.)

STATE OF _____)

COUNTY OF _____)

ss.

BE IT REMEMBERED, That on this _____ day of _____, 2013, before me, a Notary Public, personally appeared **John N. Ouwerkerk**, 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.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13TH day of JUNE, 2013.

[Signature] (L.S.)
Jerome R. Morgan

STATE OF

Ohio

COUNTY OF

Hamilton

ss.

BE IT REMEMBERED, That on this 13th day of June, 2013, before me, a Notary Public, personally appeared **Jerome R. Morgan**, 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

[Signature]
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of JUNE, 2013.

[Signature] (L.S.)
Jeffrey S. Swayze

STATE OF

Ohio

COUNTY OF

Hamilton

ss.

BE IT REMEMBERED, That on this 13th day of June, 2013, before me, a Notary Public, personally appeared **Jeffrey S. Swayze**, 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
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[Signature]
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Serial No. 13/791,909Filed: March 9, 2013

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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.

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

Frederick E. Shelton, IV (L.S.)

STATE OF Ohio)
)
COUNTY OF _____)

ss.

BE IT REMEMBERED, That on this _____ day of _____, 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.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 17th day of JUNE, 2013.

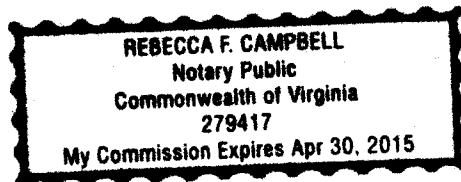
John N. Ouwerkerk (L.S.)
John N. Ouwerkerk

STATE OF Virginia)
City)
COUNTY OF Staunton)

ss.

BE IT REMEMBERED, That on this 17th day of June, 2013, before me, a Notary Public, personally appeared **John N. Ouwerkerk**, 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.

Rebecca F. Campbell
Notary Public



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

Jerome R. Morgan (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2013, before me, a Notary Public, personally appeared **Jerome R. Morgan**, 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.

Notary Public

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

Jeffrey S. Swayze (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2013, before me, a Notary Public, personally appeared **Jeffrey S. Swayze**, 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.

Notary Public