

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>Taylor W. Aronhalt</td><td>08/18/2011</td></tr><tr><td>Frederick E. Shelton IV</td><td>08/18/2011</td></tr><tr><td>Kreena R. Modi</td><td>10/18/2011</td></tr><tr><td>Christopher J. Schall</td><td>08/18/2011</td></tr><tr><td>Joseph E. Young</td><td>08/23/2011</td></tr><tr><td>Barry C. Worrell</td><td>08/25/2011</td></tr><tr><td>Jerome R. Morgan</td><td>08/18/2011</td></tr><tr><td>William B. Weisenburgh II</td><td>08/25/2011</td></tr><tr><td>Christopher J. Hess</td><td>08/23/2011</td></tr><tr><td>Emily A. Heeb</td><td>08/25/2011</td></tr></tbody></table>		Name	Execution Date	Taylor W. Aronhalt	08/18/2011	Frederick E. Shelton IV	08/18/2011	Kreena R. Modi	10/18/2011	Christopher J. Schall	08/18/2011	Joseph E. Young	08/23/2011	Barry C. Worrell	08/25/2011	Jerome R. Morgan	08/18/2011	William B. Weisenburgh II	08/25/2011	Christopher J. Hess	08/23/2011	Emily A. Heeb	08/25/2011
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RECEIVING PARTY DATA																							
<table border="1"><tr><td>Name:</td><td>Ethicon Endo-Surgery, Inc.</td></tr><tr><td>Street Address:</td><td>4545 Creek Road</td></tr><tr><td>City:</td><td>Cincinnati</td></tr><tr><td>State/Country:</td><td>OHIO</td></tr><tr><td>Postal Code:</td><td>45242</td></tr></table>		Name:	Ethicon Endo-Surgery, Inc.	Street Address:	4545 Creek Road	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45242												
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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>13181768</td></tr></tbody></table>		Property Type	Number	Application Number:	13181768																		
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Application Number:	13181768																						
CORRESPONDENCE DATA																							
Fax Number: (412)355-6501																							
Phone: (412) 355-8303																							
Email: patents@klgates.com																							
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																							
Correspondent Name: Thomas J. Edgington																							

CH \$40.00 13181768

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PATENT
REEL: 027130 FRAME: 0347

Address Line 1:	210 Sixth Avenue
Address Line 2:	K&L Gates Center
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END6926USNP/110016
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NAME OF SUBMITTER:	Thomas J. Edgington
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Total Attachments: 12

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ASSIGNMENT

Serial No. 13/181,768Filed: July 13, 2011

WHEREAS, Taylor W. Aronhalt, a citizen of the United States, residing at 306 Beech Road, Loveland, Ohio 45140; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Kreena B. Avimukta, a citizen of the United States, residing at 3737 Thorngate Drive, Mason, Ohio 45040; Christopher J. Schall, a citizen of the United States, residing at 688 Whippoorwill Drive, Cincinnati, Ohio 45244; Joseph E. Young, a citizen of the United States, residing at 9523 Carroll Court, Loveland, Ohio 45140; Barry C. Worrell, a citizen of the United States, residing at 1647 Lago Mar Drive, Centerville, Ohio 45458; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; William B. Weisenburgh, II, a citizen of the United States, residing at 974 Airymeadows Drive, Maineville, Ohio 45039; Christopher J. Hess, a citizen of the United States, residing at 1704 East McMillan Street, Cincinnati, Ohio 45206; and Emily A. Heeb, a citizen of the United States, residing at 3557 Paxton Avenue #2, Cincinnati, Ohio 45208; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

COLLAPSIBLE ANVIL PLATE ASSEMBLIES FOR CIRCULAR SURGICAL
STAPLING DEVICES

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 18th day of August, 2011.

Taylor W. Aronhalt (L.S.)
Taylor W. Aronhalt

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 18th day of August, 2011, before me, a Notary Public, personally appeared Taylor W. Aronhalt, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 18th day of August, 2011.

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

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 18th day of August, 2011, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, 2011.

Kreena B. Avimukta (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Kreena B. Avimukta, 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 18th day of August, 2011.

Christopher J. Schall (L.S.)
Christopher J. Schall

STATE OF Ohio)
)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 18th day of August, 2011, before me, a Notary Public, personally appeared Christopher J. Schall, 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.

Kara N. Tulanko
Notary Public



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 23rd day of August, 2011.

Joseph E. Young (L.S.)
Joseph E. Young

STATE OF Ohio)
COUNTY OF Hamilton)

ss.

BE IT REMEMBERED, That on this 23rd day of August, 2011, before me, a Notary Public, personally appeared Joseph E. Young, 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.

Kara N. Tulanko
Notary Public



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 25 day of August, 2011.

Barry C. Worrell (L.S.)
Barry C. Worrell

STATE OF Ohio)
COUNTY OF Hamilton)

ss.

BE IT REMEMBERED, That on this 25th day of August, 2011, before me, a Notary Public, personally appeared Barry C. Worrell, 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.

Kara N. Tulanko
Notary Public



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 18TH day of AUGUST, 2011.

Jerome R. Morgan (L.S.)
Jerome R. Morgan

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 18th day of August, 2011, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 25TH day of August, 2011.

William B. Weisenburgh, II (L.S.)
William B. Weisenburgh, II

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 25th day of AUGUST, 2011, before me, a Notary Public, personally appeared William B. Weisenburgh, II, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 23 day of August, 2011.

Christopher J. Hess (L.S.)
Christopher J. Hess

STATE OF Ohio)
COUNTY OF Hamilton)

ss.

BE IT REMEMBERED, That on this 23rd day of August, 2011, before me, a Notary Public, personally appeared Christopher J. Hess, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

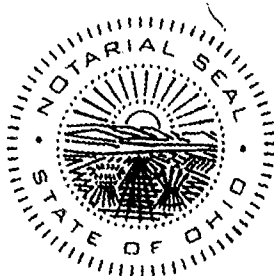
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 25 day of August, 2011.

Emily A. Heeb (L.S.)
Emily A. Heeb

STATE OF Ohio)
COUNTY OF Hamilton)

ss.

BE IT REMEMBERED, That on this 25th day of August, 2011, before me, a Notary Public, personally appeared Emily A. Heeb, 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.



KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

Kara N. Tulanko
Notary Public

ASSIGNMENT

Serial No. 13/181,768
Filed: July 13, 2011

WHEREAS, Taylor W. Aronhalt, a citizen of the United States, residing at 306 Beech Road, Loveland, Ohio 45140; Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Kreena Rajeev Modi, a citizen of the United States, residing at 4581 Regal Dr., Akron, Ohio 44321; Christopher J. Schall, a citizen of the United States, residing at 688 Whippoorwill Drive, Cincinnati, Ohio 45244; Joseph E. Young, a citizen of the United States, residing at 9523 Carroll Court, Loveland, Ohio 45140; Barry C. Worrell, a citizen of the United States, residing at 1647 Lago Mar Drive, Centerville, Ohio 45458; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; William B. Weisenburgh, II, a citizen of the United States, residing at 974 Airymeadows Drive, Maineville, Ohio 45039; Christopher J. Hess, a citizen of the United States, residing at 1704 East McMillan Street, Cincinnati, Ohio 45206; and Emily A. Heeb, a citizen of the United States, residing at 3557 Paxton Avenue #2, Cincinnati, Ohio 45208; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

COLLAPSIBLE ANVIL PLATE ASSEMBLIES FOR CIRCULAR SURGICAL
STAPLING DEVICES

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 _____ day of _____, 2011.

Taylor W. Aronhalt (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Taylor W. Aronhalt, 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 _____, 2011.

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

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, 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 18th day of October, 2011.

Kreena Rajeev Modi (L.S.)
Kreena Rajeev Modi

STATE OF Ohio)
COUNTY OF Cuyahoga) ss.

BE IT REMEMBERED, That on this 18th day of OCTOBER, 2011, before me, a Notary Public, personally appeared Kreena Rajeev Modi, 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.



JANICE M HODAKIEVIC
NOTARY PUBLIC - OHIO
MY COMM. EXP. 3/23/15

Janice M. Hodakievic
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, 2011.

Christopher J. Schall (L.S.)

STATE OF Ohio)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Christopher J. Schall, 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 _____, 2011.

Joseph E. Young (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Joseph E. Young, 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 _____, 2011.

Barry C. Worrell (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Barry C. Worrell, 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 _____, 2011.

Jerome R. Morgan (L.S.)

STATE OF Ohio)
COUNTY OF _____)

ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, 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 _____, 2011.

William B. Weisenburgh, II (L.S.)

STATE OF Ohio)
COUNTY OF _____)

ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared William B. Weisenburgh, II, 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 _____, 2011.

Christopher J. Hess (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Christopher J. Hess, 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 _____, 2011.

Emily A. Heeb (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2011, before me, a Notary Public, personally appeared Emily A. Heeb, 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