

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kevin R. Doll	04/08/2008
Bret W. Smith	04/15/2008
William D. Kelly	04/15/2008
Ronald J. Kolata	04/02/2008
Joshua R. Uth	04/08/2008
Charles J. Scheib	04/15/2008
Frederick E. Shelton IV	04/15/2008

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

Property Type	Number
Application Number:	12031066

CORRESPONDENCE DATA

Fax Number: (412)355-6501
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: (412) 355-6342
Email: patents@klgates.com
Correspondent Name: Mark G. Knedeisen
Address Line 1: 535 Smithfield Street
Address Line 2: Henry W. Oliver Building
Address Line 4: Pittsburgh, PENNSYLVANIA 15222-2312

ATTORNEY DOCKET NUMBER:

END6224USNP/070341

PATENT

500525736

REEL: 020870 FRAME: 0621

CH \$40.00 12031066

NAME OF SUBMITTER:

Mark G. Knedeisen

Total Attachments: 10

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A S S I G N M E N T

Serial No. 12/031,066Filed: February 14, 2008

WHEREAS, **Kevin R. Doll**, a citizen of the United States, residing at 6110 Glen View, Mason, Ohio 45040; **Bret W. Smith**, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; **William D. Kelly**, a citizen of the United States, residing at 4886 Elizabeth Court, Mason, Ohio 45040; **Ronald J. Kolata**, a citizen of the United States, residing at 608 Northbrook Drive, Raleigh, North Carolina 27609; **Joshua R. Uth**, a citizen of the United States, residing at 7752 Hunters Trail, Mason, Ohio 45040; **Charles J. Scheib**, a citizen of the United States, residing at 11329 Donwiddle Drive, Loveland, Ohio 45140; and **Frederick E. Shelton, IV**, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

SURGICAL STAPLING APPARATUS WITH ARTICULATABLE COMPONENTS

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.

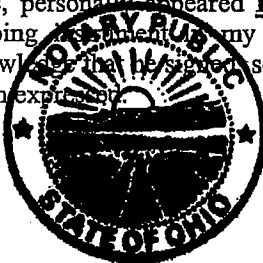
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 8TH day of APRIL, 2008.

Kevin R. Doll (L.S.)
Kevin R. Doll

STATE OF Ohio)
COUNTY OF HAMILTON)

ss.

BE IT REMEMBERED, That on this 8TH day of APRIL, 2008, before me, a Notary Public, personally appeared Kevin R. Doll, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 15TH day of APRIL, 2008.

Bret W. Smith (L.S.)
Bret W. Smith

STATE OF Ohio)
COUNTY OF HAMILTON)

ss.

BE IT REMEMBERED, That on this 15TH day of APRIL, 2008, before me, a Notary Public, personally appeared Bret W. Smith, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 15th day of April, 2008.

William D. Kelly (L.S.)
William D. Kelly

STATE OF

COUNTY OF

Ohio)
Hamilton)
Warren)
4-15-08)
ss.

BE IT REMEMBERED, That on this 15th day of April, 2008, before me, a Notary Public, personally appeared William D. Kelly, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, 2008.

Ronald J. Kolata (L.S.)

STATE OF

COUNTY OF

_____)
_____)
_____)
ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared Ronald J. Kolata, 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 8th day of April, 2008.

Joshua R. Uth (L.S.)
Joshua R. Uth

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 8th day of April, 2008, before me, a Notary Public, personally appeared Joshua R. Uth, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 15 day of April, 2008.

Charles J. Scheib (L.S.)
Charles J. Scheib

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 15th day of April, 2008, before me, a Notary Public, personally appeared Charles J. Scheib, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 15th day of April, 2008.

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

STATE OF Ohio)
COUNTY OF Camilton) ss.

BE IT REMEMBERED, That on this 15th day of April, 2008, 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.



VIRGINIA A. DAVIS
Notary Public, State of Ohio
My Commission Expires
September 29, 2008

Virginia A. Davis
Notary Public

A S S I G N M E N T

Serial No. 12/031,066Filed: February 14, 2008

WHEREAS, **Kevin R. Doll**, a citizen of the United States, residing at 6110 Glen View, Mason, Ohio 45040; **Bret W. Smith**, a citizen of the United States, residing at 4736 Eastport Drive, Kings Mills, Ohio 45034; **William D. Kelly**, a citizen of the United States, residing at 4886 Elizabeth Court, Mason, Ohio 45040; **Ronald J. Kolata**, a citizen of the United States, residing at 608 Northbrook Drive, Raleigh, North Carolina 27609; **Joshua R. Uth**, a citizen of the United States, residing at 7752 Hunters Trail, Mason, Ohio 45040; **Charles J. Scheib**, a citizen of the United States, residing at 11329 Donwiddle Drive, Loveland, Ohio 45140; and **Frederick E. Shelton, IV**, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

SURGICAL STAPLING APPARATUS WITH ARTICULATABLE COMPONENTS

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 _____, 2008.

Kevin R. Doll (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared **Kevin R. Doll**, 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.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, 2008.

Bret W. Smith (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared **Bret W. Smith**, 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 _____, 2008.

William D. Kelly (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared William D. Kelly, 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.

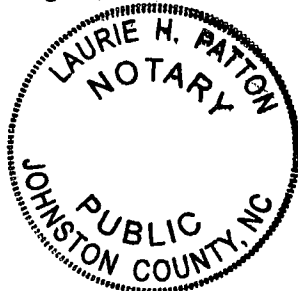
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 2nd day of April, 2008.

Ronald J. Kolata (L.S.)

STATE OF North Carolina)
)
COUNTY OF Wake) ss.

BE IT REMEMBERED, That on this 2 day of April, 2008, before me, a Notary Public, personally appeared Ronald J. Kolata, 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.



Laurie H. Patton
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, 2008.

Joshua R. Uth (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared **Joshua R. Uth**, 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 _____, 2008.

Charles J. Scheib (L.S.)

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, before me, a Notary Public, personally appeared **Charles J. Scheib**, 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 _____, 2008.

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

STATE OF Ohio)
)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, 2008, 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