Electronic Version v1.1

Stylesheet Version v1.1

Address Line 1. Address Line 2: Address Line 4: ATTORNEY DOCKE	Henry W. Pittsburgh	Oliver Building n, PENNSYLVANIA 15222-2312 END6224USNP/070341	PATENT		
Address Line 2:	Henry W.				
Address Line 2:	Henry W.				
Address Line 1:	535 Smithfield Street				
Correspondent Name					
Email:	patents@klgates.com				
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:(412) 355-6342					
			cessful.		
Fax Number:	(412)355-	-6501			
CORRESPONDENC	E DATA				
Application Number: 12031066					
Property			lumber		
PROPERTY NUMBE]		
State/Country: Postal Code:		45242			
City:		Cincinnati			
Street Address:		4545 Creek Road			
		Ethicon Endo-Surgery, Inc.			
RECEIVING PARTY					
	· · · · ·				
Frederick E. Shelton			04/15/2008		
Charles J. Scheib			04/15/2008		
Joshua R. Uth			04/08/2008		
Ronald J. Kolata			04/02/2008		
William D. Kelly			04/15/2008		
Bret W. Smith			04/15/2008		
Kevin R. Doll		Name	Execution Date 04/08/2008		
CONVEYING PARTY	(DATA	News			
			ASSIGNMENT		
SUBMISSION TYPE: NATURE OF CONVE CONVEYING PARTY	EYANCE:	NEW ASSIGNMENT ASSIGNMENT			

NAME OF SUBMITTER:	Mark G. Knedeisen
Total Attachments: 10 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	
source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif	
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ASSIGNMENT

Serial No. <u>12/031,066</u> Filed: 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 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-1936674 v1 0237980-00225

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 2 of 5

IN TESTIMONY WHER APRIL, 2008.	EOF, Assignor has herea	unto set his l	hand and seal in the seal in the seal in the seal of t	this <u>8⁻⁴</u> <u>}lq</u> ni	day of (L.S.)	
STATE OF	Ohio)	s.			
COUNTY OF	HAMILTON) 3	3.			
Public, personally expeare foregoing a symmetry are	ny presence, and I have a sealed, and delivered to virginia A. DA Notary Public, State of My Commission Expinement 29, 200	I am satisf ving first n the same as VIS Onio Tree (ied is the per- nade known his voluntary Uugijt Notady F	rson named it to him the a act and deed it act and deed it $act and deedact and deed itact and deed itact and deedact and deed itact and deed itact and deed it$	n and who exe contents thereo	cuted the
STATE OF	Ohio)	s.			
COUNTY OF	JAMILTON .) 3	5.			
BE IT REMEMB Public, personally appeare foregoing instrument in a acknowledge that he signed therein expressed.	ny presence, and I ha	o I am satis ving first r	fied is the pe nade known	rson named : to him the	in and who ex contents therea	ecuted the of, he did

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Ľ) Via.	Nia	\mathcal{A}	$\overline{\mathbb{A}}$	UU	\mathcal{O}
Notary	Public			,		
-	\cup					

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 3 of 5

IN TESTIMONY WHER April 2008.	EOF, Assignor has hereunto set his hand and seal this <u>15⁺⁴</u> day of <u><i>Littlici</i></u> , <i>Letter</i> (L.S.) William D. Kelly)
Public, personally appeare foregoing instrument in	<u>Ohio</u>) <u>Harmetta</u>) ss. <u>ERED</u> , That on this <u>day of</u> <u>appel</u> , 2008, before me d <u>William D. Kelly</u> , who I am satisfied is the person named in and who ex- my presence, and I having first made known to him the contents there d, sealed, and delivered the same as his voluntary act and deed for the uses ar	xecuted the cof, he did
* STARY PUSCIC	VIRGINIA A. DAVIS Notary Public, State of Ohio My Commission Expires September 29, 2008	ULA)
IN TESTIMONY WHER, 2008.	EOF, Assignor has hereunto set his hand and seal this day of (L.S (L.S (L.S	.)
STATE OF COUNTY OF))) SS.)	
BE IT REMEM Public, personally appear foregoing instrument in	BERED, That on this day of, 2008, before me ed <u>Ronald J. Kolata</u> , who I am satisfied is the person named in and who e my presence, and I having first made known to him the contents there ed, sealed, and delivered the same as his voluntary act and deed for the uses a	executed the eof, he did

Notary Public

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Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 4 of 5

IN TESTIMONY WHEREOF, Assignor has h	ereunto set his hand and seal this $\underline{\mathcal{B}}^{\mathcal{H}}_{\mathcal{H}}$ day of
<u>Hpri 7</u> , 2008.	John R. Uth (L.S.)
	Joshua R. Uth

STATE OF

Ohio

COUNTY OF

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.

SS.



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

Hamilton

Ohio

<u>Unique</u> (

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

Charles J. Scheib

STATE OF

SS.

COUNTY OF

<u>154</u> day of _ , 2008, before me, a Notarv BE IT REMEMBERED, That on this _ 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

Jotary Public

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 5 of 5

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this day of, 2008.	(L.S.)
Frederick E. Shelton, IV	- (=)

STATE OF

COUNTY OF

BE IT REMEMBERED, That on this <u>15</u>th day of <u>0</u>, 2008, before me, a Notary Public, personally appeared <u>Frederick E. Shelton, IV</u>, 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.

SS.



VIRGINIA A. DAVIS Notary Public, State of Ohio My Commission Expires September 29, 2006

Chmilton

Ohio

<u>Virep nea</u> Notary Pablic)auce

PATENT REEL: 020870 FRAME: 0627

ASSIGNMENT

Serial No. <u>12/031,066</u> Filed: 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.

PI-1936674 v1 0237980-00225

PATENT REEL: 020870 FRAME: 0628

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 2 of 5

	WHEREOF, Assignor has hereur 2008.	nto set his hand and seal	this day of
			(L.S.)
		Kevin R. De	bll
STATE OF	Ohio)) ss.	
COUNTY OF)	
Public, personally a foregoing instrume	appeared <u>Kevin R. Doll</u> , who I nt in my presence, and I havi	am satisfied is the pering first made known	, 2008, before me, a Notary son named in and who executed the to him the contents thereof, he did act and deed for the uses and purposes
	/HEREOF, Assignor has hereunto 008.	set his hand and seal th	is day of (L.S.)
		Bret W. Sm	
STATE OF COUNTY OF	Ohio)) SS.	
	MEMBERED, That on this	day of	, 2008, before me, a Notary

BE IT REMEMBERED, That on this ______ day of ______, 2008, before me, a Notary Public, personally appeared <u>Bret W. Smith</u>, 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

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 3 of 5

IN TESTIMONY WHERE	OF, Assignor has herea	into set hi	s hand and seal this _	day of
, 2008.				(L.S.)
			William D. Kell	ly
STATE OF	<u>Ohio</u>)	SS.	
COUNTY OF)		
Public, personally appeared foregoing instrument in m	Milliam D. Kelly, w	/ho I am aving firs	satisfied is the person st made known to h	, 2008, before me, a Notary n named in and who executed the him the contents thereof, he did and deed for the uses and purposes
			Notary Public	
IN TESTIMONY WHERE	OF, Assignor has heren	into set hi (s hand and seal this Ronald J. Folat	ta day of the day of t
STATE OF No.	rth Carolina Wake)	SS.	
BE IT REMEMBE Public, personally appeared foregoing instrument in m	ERED, That on this I <u>Ronald J. Kolata</u> , w	vho I am aving firs	st made known to h	, 2008, before me, a Notary n named in and who executed the nim the contents thereof, he did and deed for the uses and purposes

PATENT REEL: 020870 FRAME: 0630

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 4 of 5

IN TESTIMONY V		eunto set his hand and seal thi	s day of
- 		Joshua R. Ut	(L.S.)
STATE OF	<u>Ohio</u>)) SS.	
COUNTY OF)	
foregoing instrume	nt in my presence, and I	having first made known to	, 2008, before me, a Notary son named in and who executed the b him the contents thereof, he did ct and deed for the uses and purposes
	· · · · ·	Notary Public	
IN TESTIMONY W 2		unto set his hand and seal this Charles J. Sc	(L.S.)
STATE OF COUNTY OF	<u>Ohio</u>)) SS.)	
BE IT RE	MEMBERED, That on this _	day of	, 2008, before me, a Notary

Public, personally appeared <u>Charles J. Scheib</u>, 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

Attorney Docket Number: END6224USNP/070341 Serial No. 12/031,066 Page 5 of 5

IN TESTIMONY WI	HEREOF, Assignor has here 08.	eunto set l	his hand and seal this	day of (L.S.)
			Frederick E. Shelto	
STATE OF	Ohio)	SS.	
COUNTY OF)	55.	

BE IT REMEMBERED, That on this ______ day of ______, 2008, before me, a Notary Public, personally appeared <u>Frederick E. Shelton, IV</u>, 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