

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3172288

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARLES J SCHEIB	07/07/2014
JOHN C SCHUCKMANN	07/09/2014
JEFFREY C GAGEL	07/18/2014
JASON M RECTOR	07/09/2014
FREDERICK E SHELTON IV	07/02/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ETHICON ENDO-SURGERY, INC.
<b>Street Address:</b>	4545 CREEK ROAD
<b>City:</b>	CINCINNATI
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45242
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14314125
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)651-6981
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	513-651-6800
<b>Email:</b>	dattix@fbtlaw.com
<b>Correspondent Name:</b>	ANDREW B. ULMER
<b>Address Line 1:</b>	3300 GREAT AMERICAN TOWER
<b>Address Line 2:</b>	301 EAST FOURTH STREET
<b>Address Line 4:</b>	CINCINNATI, OHIO 45202
<b>ATTORNEY DOCKET NUMBER:</b>	END7429USNP.0614273
<b>NAME OF SUBMITTER:</b>	MACKENZIE FRYE
<b>SIGNATURE:</b>	/Mackenzie Frye/
<b>DATE SIGNED:</b>	01/07/2015
<b>Total Attachments: 7</b>	

source=END7429USNPAsnSigned#page1.tif  
source=END7429USNPAsnSigned#page2.tif  
source=END7429USNPAsnSigned#page3.tif  
source=END7429USNPAsnSigned#page4.tif  
source=END7429USNPAsnSigned#page5.tif  
source=END7429USNPAsnSigned#page6.tif  
source=END7429USNPAsnSigned#page7.tif

**A S S I G N M E N T**

Serial No. 14/314,125  
Filed: June 25, 2014

WHEREAS, **Charles J. Scheib**, a citizen of the United States of America, residing at 11329 Donwiddle Drive, Loveland, OH 45140; **John C. Schuckmann**, a citizen of the United States of America, residing at 7348 Timberknoll Drive, Cincinnati, OH 45242; **Jeffrey C. Gagel**, a citizen of the United States of America, residing at 6205 Pintail Court, Loveland, OH 45140; **Jason M. Rector**, a citizen of the United States of America, residing at 224 Deersshadow Road, Maineville, OH 45039; and **Frederick E. Shelton, IV**, a citizen of the United States of America, residing at 245 East Main Street, Hillsboro, Ohio 45133 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

**ARTICULATION DRIVE FEATURES FOR SURGICAL STAPLER**

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., located at 4545 Creek Road, Cincinnati, Ohio 45242, 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;

END7429USNP  
Page 1 of 7

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 7th  
day of JULY, 2014.

(L.S.)

Charles J. Scheib  
Charles J. Scheib

STATE OF OHIO )  
 ) ss.  
COUNTY OF HAMILTON )

BE IT REMEMBERED, That on this 7th day of July, 2014, 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.



Kimberly Mellissa Moses  
Notary Public  
My Commission Expires  
September 23, 2016

END7429USNP  
Page 3 of 7

**PATENT**  
**REEL: 034651 FRAME: 0228**

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9<sup>th</sup>  
day of July, 2014.

(L.S.)

John C. Schuckmann  
John C. Schuckmann

STATE OF OHIO )  
 ) ss.  
COUNTY OF Hamilton )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of July, 2014, before me,  
a Notary Public, personally appeared **John C. Schuckmann**, 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.



Kimberly Mellissa Moses  
Kimberly MELLISSA MOSES  
Notary Public, State of Ohio  
My Commission Expires  
September 23, 2016

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 18th  
day of July, 2014.

(L.S.)

Jeffrey C. Gagel  
Jeffrey C. Gagel

STATE OF OHIO )  
 ) ss.  
COUNTY OF Hamilton )

BE IT REMEMBERED, That on this 18th day of July, 2014, before me,  
a Notary Public, personally appeared **Jeffrey C. Gagel**, 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  
My Commission Expires  
May 31, 2019

END7429USNP  
Page 5 of 7

PATENT  
REEL: 034651 FRAME: 0230

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9<sup>th</sup>  
day of July, 2014.

(L.S.)

Jason M. Rector  
Jason M. Rector

STATE OF Ohio )  
 ) ss.  
COUNTY OF Hamilton )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of July, 2014, before me,  
a Notary Public, personally appeared **Jason M. Rector**, 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.



KIMBERLY MELLISSA MOSES  
Notary Public, State of Ohio  
My Commission Expires  
September 23, 2016

Kimberly Mellissa Moses  
Notary Public

END7429USNP  
Page 6 of 7

PATENT  
REEL: 034651 FRAME: 0231



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 2<sup>nd</sup>  
day of July, 2014.

(L.S.)



**Frederick E. Shelton, IV**

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 2nd day of July, 2014, 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.



**KIMBERLY MELLISSA MOSES**  
Notary Public, State of Ohio  
My Commission Expires  
September 23, 2016



Notary Public

4817-4733-7756

END7429USNP  
Page 7 of 7