

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James A. Woodard Jr.</td> <td>01/09/2013</td> </tr> <tr> <td>Kreena R. Modi</td> <td>01/03/2013</td> </tr> <tr> <td>Gary W. Knight</td> <td>01/09/2013</td> </tr> <tr> <td>Andrew C. Yoo</td> <td>01/09/2013</td> </tr> <tr> <td>Taylor W. Aronhalt</td> <td>01/09/2013</td> </tr> <tr> <td>Joseph E. Young</td> <td>01/09/2013</td> </tr> <tr> <td>Chester O. Baxter III</td> <td>01/08/2013</td> </tr> <tr> <td>Frederick E. Shelton IV</td> <td>01/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	James A. Woodard Jr.	01/09/2013	Kreena R. Modi	01/03/2013	Gary W. Knight	01/09/2013	Andrew C. Yoo	01/09/2013	Taylor W. Aronhalt	01/09/2013	Joseph E. Young	01/09/2013	Chester O. Baxter III	01/08/2013	Frederick E. Shelton IV	01/08/2013
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<b>RECEIVING PARTY DATA</b>																			
Name:	Ethicon Endo-Surgery, Inc.																		
Street Address:	4545 Creek Road, #97																		
City:	Cincinnati																		
State/Country:	OHIO																		
Postal Code:	45242																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13710931</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13710931														
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<b>CORRESPONDENCE DATA</b>																			
Fax Number:	5136516981																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	513-651-6800																		
Email:	dattix@fbtlaw.com																		
Correspondent Name:	Andrew B. Ulmer																		
Address Line 1:	3300 Great American Tower																		
Address Line 2:	301 E. Fourth Street																		
Address Line 4:	Cincinnati, OHIO 45202																		

OP \$40.00 13710931

ATTORNEY DOCKET NUMBER:	END7166USNP.0598395
NAME OF SUBMITTER:	Andrew B. Ulmer
Total Attachments: 10 source=END7166USNP_SignedAsn#page1.tif source=END7166USNP_SignedAsn#page2.tif source=END7166USNP_SignedAsn#page3.tif source=END7166USNP_SignedAsn#page4.tif source=END7166USNP_SignedAsn#page5.tif source=END7166USNP_SignedAsn#page6.tif source=END7166USNP_SignedAsn#page7.tif source=END7166USNP_SignedAsn#page8.tif source=END7166USNP_SignedAsn#page9.tif source=END7166USNP_SignedAsn#page10.tif	

ASSIGNMENT

Serial No. 13/710,931  
Filed: December 11, 2012

WHEREAS, **James A. Woodard, Jr.**, a citizen of the United States of America, residing at 4534 Wesley Court, Mason, Ohio 45040; **Kreena R. Modi**, a citizen of the United States of America, residing at 2191 Yonge Street – 5005, Toronto M4S 3H8, Ontario, Canada; **Gary W. Knight**, a citizen of the United States of America, residing at 8264 Meadowlark Drive, West Chester, Ohio 45069; **Andrew C. Yoo**, a citizen of the United States of America, residing at 830 Ludlow Avenue, Cincinnati, Ohio 45220; **Taylor W. Aronhalt**, a citizen of the United States of America, residing at 306 Beech Rd., Loveland, Ohio 45140; **Joseph E. Young**, a citizen of the United States of America, residing at 9523 Carroll Court, Loveland, Ohio 45140; **Chester O. Baxter, III**, a citizen of the United States of America, residing at 6375 Pawnee Ridge, Loveland, Ohio 45140; 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:

**ELECTROSURGICAL END EFFECTOR WITH TISSUE TACKING FEATURES**

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;

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.

END7166USNP

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IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9<sup>th</sup>  
day of January, 2013

(L.S.)

James A. Woodard, Jr.  
James A. Woodard, Jr.

STATE OF OHIO            )  
  ) ss.  
COUNTY OF HAMILTON    )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of January, 2013, before me,  
a Notary Public, personally appeared James A. Woodard, Jr. , 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. Vandenburg  
Notary Public



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013


IN TESTIMONY WHEREOF, Assignor has hereunto set her hand and seal this 3<sup>rd</sup> day of January, 2013.

  
Kreena R. Modi

C A N A D A )  
 )  
PROVINCE OF ONTARIO )  
CITY OF MARKHAM )  
 )  
 )  
TO WIT: )

BE IT REMEMBERED, That on this 3<sup>rd</sup> day of January, 2013, before me, HEATHER LEE MULLEN, a Notary Public in and for the Province of Ontario, by Royal Authority duly appointed, practicing in the City of Markham, in the said Province, personally appeared KREENA R 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 her that contents thereof, she did acknowledge that she signed, sealed and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

DATED at Markham, Ontario this 3<sup>rd</sup> day of January, 2013.

  
Heather Lee Mullen  
A Notary Public in and for the  
Province of Ontario

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9<sup>th</sup>  
day of JANUARY, 2013.

(L.S.)

Gary W. Knight  
Gary W. Knight

STATE OF OHIO                    )  
  ) ss.  
COUNTY OF HAMILTON        )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of January, 2013, before me,  
a Notary Public, personally appeared Gary W. Knight, 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. Vandenburg  
Notary Public



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9  
day of January, 2013.

(L.S.)

Andrew C. Yoo  
Andrew C. Yoo

STATE OF OHIO            )  
                                  ) ss.  
COUNTY OF HAMILTON )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of January, 2013, before me, a Notary Public, personally appeared Andrew C. Yoo, 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. Vandenburg  
Notary Public



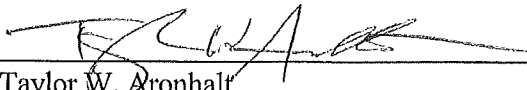
VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

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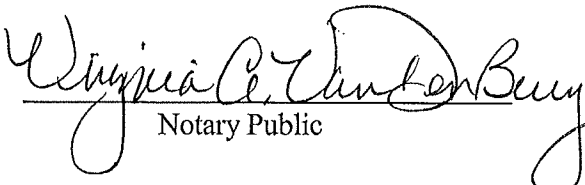
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9<sup>th</sup>  
day of January, 2013.

(L.S.)

  
Taylor W. Aronhalt

STATE OF OHIO            )  
  ) ss.  
COUNTY OF HAMILTON )

BE IT REMEMBERED, That on this 9<sup>th</sup> day of January, 2013, 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



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 8  
day of January, 2013.

(L.S.)

*C. Baxter*  
Chester O. Baxter, III

STATE OF OHIO            )  
  ) ss.  
COUNTY OF HAMILTON )

BE IT REMEMBERED, That on this 8<sup>th</sup> day of January, 2013 before me,  
a Notary Public, personally appeared Chester O. Baxter, III , 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

