

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Nicholas Fanelli</td> <td>03/12/2013</td> </tr> <tr> <td>Jeffrey C. Gagel</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nicholas Fanelli	03/12/2013	Jeffrey C. Gagel	03/12/2013				
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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, #97</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, #97	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45242
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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 East Fourth Street Address Line 4: Cincinnati, OHIO 45202											
ATTORNEY DOCKET NUMBER:	END7174USNP.0599176										
NAME OF SUBMITTER:	Andrew B. Ulmer										
Signature:	/Andrew B. Ulmer/										
Date:	07/05/2013										
Total Attachments: 3 source=END7174USNP_AsnSigned#page1.tif source=END7174USNP_AsnSigned#page2.tif source=END7174USNP_AsnSigned#page3.tif											

OP \$40.00 13780067

A S S I G N M E N T

Serial No. 13/780,067
Filed: February 28, 2013

WHEREAS, **Nicholas Fanelli**, a citizen of the United States of America, residing at 5037 Roachester Osceola Road, Morrow, Ohio 45152; and **Jeffrey C. Gagel**, a citizen of the United States of America, residing at 6205 Pintail Court, Loveland, Ohio 45140 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

**SURGICAL INSTRUMENT END EFFECTOR ARTICULATION DRIVE WITH PINION
AND OPPOSING RACKS**

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

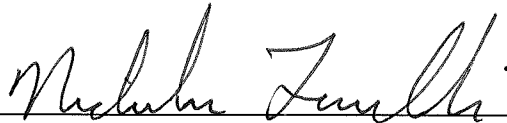
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Page 1 of 3

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 12th
day of March, 2013

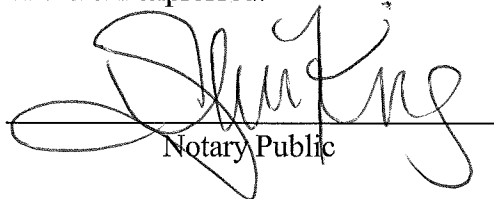
(L.S.)



Nicholas Fanelli

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 12th day of March, 2013 before me,
a Notary Public, personally appeared Nicholas Fanelli, 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



SHERRI KING
Notary Public, State of Ohio
My Commission Expires
November 28, 2017

END7174USNP

Page 2 of 3

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 12th
day of March, 2013.

(L.S.)

Jeffrey C. Gagel
Jeffrey C. Gagel

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 12th day of March, 2013, 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.

Sherrri King
Notary Public



SHERRI KING
Notary Public, State of Ohio
My Commission Expires
November 26, 2017

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Page 3 of 3