

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>David C. Yates</td> <td>01/14/2013</td> </tr> <tr> <td>Frederick E. Shelton IV</td> <td>01/08/2013</td> </tr> <tr> <td>Kevin L. Houser</td> <td>01/14/2013</td> </tr> <tr> <td>Aron O. Zingman</td> <td>01/11/2013</td> </tr> <tr> <td>Donna L. Korvick</td> <td>01/16/2013</td> </tr> <tr> <td>Ashvani K. Madan</td> <td>01/08/2013</td> </tr> <tr> <td>John W. Willis</td> <td>01/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	David C. Yates	01/14/2013	Frederick E. Shelton IV	01/08/2013	Kevin L. Houser	01/14/2013	Aron O. Zingman	01/11/2013	Donna L. Korvick	01/16/2013	Ashvani K. Madan	01/08/2013	John W. Willis	01/10/2013
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<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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CORRESPONDENCE DATA																	
<p>Fax Number: 5136516981 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>																	
ATTORNEY DOCKET NUMBER:	END7184USNP.0599103																

OP \$40.00 13709420

NAME OF SUBMITTER:

Andrew B. Ulmer

Total Attachments: 8

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ASSIGNMENT

Serial No. 13/709,420

Filed: December 10, 2012

WHEREAS, **David C. Yates**, a citizen of the United States of America, residing at 7534 Galway Court, West Chester, Ohio 45069; **Frederick E. Shelton, IV**, a citizen of the United States of America, residing at 245 East Main Street, Hillsboro, Ohio 45133; **Kevin L. Houser**, a citizen of the United States of America, residing at 570 Foliage Lane, Springboro, OH 45066; **Aron O. Zingman**, a citizen of the United States of America, residing at 333A Harvard Street, Apt 8, Cambridge, MA 02139; **Donna L. Korvick**, a citizen of the United States of America, residing at 8158 Worcester Drive, Maineville, Ohio 45039; **Ashvani K. Madan**, a citizen of the United States of America, residing at 6842 Keeneland Way, Mason, Ohio, 45040; and **John W. Willis**, a citizen of the United States, residing at 5098 Palermo Road, Cincinnati, Ohio 45244 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

SURGICAL INSTRUMENT WITH FEEDBACK AT END EFFECTOR

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;

END7184USNP

Page 1 of 8

PATENT**REEL: 029753 FRAME: 0339**

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 14th day of JANUARY, ~~2012~~ 2013 DEC 1/14/2013

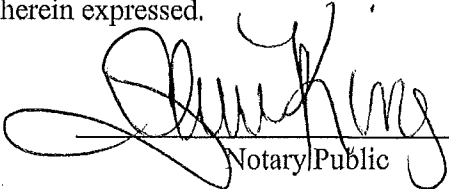
 (L.S.)
David C. Yates

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 14th day of January, 2013 SUN 1-14-13, before me, a Notary Public, personally appeared David C. Yates, 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.



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


Notary Public

END7184USNP
Page 2 of 8

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 8th
day of January, 2012. ¹⁻⁸⁻¹³
2013 ^{ES}

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

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 8th day of January, 2012, ^{V.A.V. 01-08-13}
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. Vandenburg
Notary Public
VIRGINIA A. VANDENBURG
Notary Public, State of Ohio
My Commission Expires
December 15, 2013

END7184USNP

Page 3 of 8

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 14th
day of JANUARY, ~~2012~~ ²⁰¹³ ^{1/14/13}

Kevin L. Houser (L.S.)
Kevin L. Houser

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 14th day of January ~~2012~~ ²⁰¹³ ^{SUL 1-14-13}, before me,
a Notary Public, personally appeared Kevin L. Houser, 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.



Sherri King
Notary Public

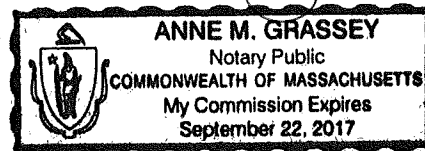
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 11th
day of January, 2013 *AK*

Aron O. Zingman (L.S.)
Aron O. Zingman

Massachusetts
STATE OF ~~OHIO~~) *AK*
Middlesex ss.
COUNTY OF ~~HAMILTON~~) *AK*

BE IT REMEMBERED, That on this 11 day of January, 2013 *AK*, before me,
a Notary Public, personally appeared Aron O. Zingman, 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.

Anne M. Grassey
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 16
day of January, ~~2012~~ 2013 DJK 1-16-13

Donna L. Korvick (L.S.)
Donna L. Korvick

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 16th day of January, ~~2012~~ 2013 DJK 1-16-13, before me,
a Notary Public, personally appeared Donna L. Korvick, 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.

Sherri King
Notary Public



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

END7184USNP
Page 6 of 8

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 8th
day of January, 2012: 2013

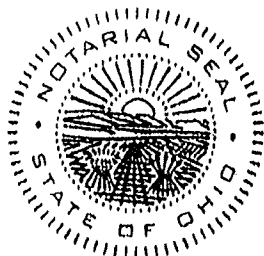
ASHM
1/8/13

Ashvani K. Madan (L.S.)
Ashvani K. Madan

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

BE IT REMEMBERED, That on this 8th day of January, 2013 ^{Kut} 1/8/2013, before me,
a Notary Public, personally appeared Ashvani K. Madan, 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

END7184USNP
Page 7 of 8

STATE OF OHIO)
) ss.
COUNTY OF HAMILTON)

Virginia P. Henderson
Notary Public



PATENT
REEL: 029753 FRAME: 0346