**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIMOTHY G. DIETZ</td>
<td>03/16/2010</td>
</tr>
<tr>
<td>GREGORY W. JOHNSON</td>
<td>03/12/2010</td>
</tr>
<tr>
<td>SEAN P. CONLON</td>
<td>03/12/2010</td>
</tr>
<tr>
<td>DANIEL J. MUMAW</td>
<td>03/12/2010</td>
</tr>
<tr>
<td>JEROME R. MORGAN</td>
<td>03/09/2010</td>
</tr>
<tr>
<td>WILLIAM D. DANNAHER</td>
<td>03/12/2010</td>
</tr>
<tr>
<td>OMAR J. VAKHARIA</td>
<td>03/09/2010</td>
</tr>
<tr>
<td>RICHARD W. TIMM</td>
<td>03/09/2010</td>
</tr>
<tr>
<td>MATTHEW C. MILLER</td>
<td>03/12/2010</td>
</tr>
<tr>
<td>GALEN C. ROBERTSON</td>
<td>03/09/2010</td>
</tr>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>ETHICON ENDO-SURGERY, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>4545 CREEK ROAD</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>
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**PROPERTY NUMBERS Total: 1**

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>14590574</td>
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</table>

### CORRESPONDENCE DATA

- **Fax Number:** (412)355-6501
- **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.**
- **Phone:** (412) 355-8690
- **Email:** piuspatents@klgates.com
- **Correspondent Name:** RAGAE M. GHABRIAL
- **Address Line 1:** 210 SIXTH AVENUE
- **Address Line 2:** K&L GATES CENTER
- **Address Line 4:** PITTSBURGH, PENNSYLVANIA 15222-2613

**ATTORNEY DOCKET NUMBER:** END6687USDIV1/090349DIV1
ASSIGNMENT

Serial No. 12/703,893
Filed: February 11, 2010

WHEREAS, Timothy G. Dletz, a citizen of the United States, residing at 2 Elm Ledge, Terrace Park, Ohio 45174; Gregory W. Johnson, a citizen of the United States, residing at 907 Center Street, Milford, Ohio 45150; Sean P. Conlon, a citizen of the United States, residing at 6234 C. North Shadow Hill Way, Loveland, Ohio 45140; Daniel J. Mumaw, a citizen of the United States, residing at 953 Long Lane, Milford, Ohio 45150; Jerome R. Morgan, a citizen of the United States, residing at 3275 S. Whitetree Circle, Cincinnati, Ohio 45236; William D. Dannaher, a citizen of the United States, residing at 8907 Eldora Drive, Cincinnati, Ohio 45236; Omar J. Vakharla, a citizen of the United States, residing at 2243 Sussex Avenue, Cincinnati, Ohio 45230; Richard W. Timm, a citizen of the United States, residing at 3405 Monteith Avenue, #1, Cincinnati, Ohio 45208; Matthew C. Miller, a citizen of the United States, residing at 3536 Zurnstein Avenue, Cincinnati, Ohio 45208; and Galen C. Robertson, a citizen of the United States, residing at 5752 Doerger Lane, Cincinnati, Ohio 45212; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

ULTRASONIC SURGICAL INSTRUMENTS WITH MOVING CUTTING IMPLEMENT

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 such title.
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 16th day of March, 2010.

Timothy G. Dietz (L.S.)

STATE OF Ohio ss.
COUNTY OF Hamilton ss.

BE IT REMEMBERED, That on this 16th day of March, 2010, before me, a Notary Public, personally appeared Timothy G. Dietz, 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

NOTARY PUBLIC
STATE OF OHIO

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 12th day of March, 2010.

Gregory W. Johnson (L.S.)

STATE OF Ohio ss.
COUNTY OF Hamilton ss.

BE IT REMEMBERED, That on this 12th day of March, 2010, before me, a Notary Public, personally appeared Gregory W. Johnson, 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

NOTARY PUBLIC
STATE OF OHIO
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 24th day of March 2010.

Sean P. Conlon

STATE OF Ohio )
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 24th day of March 2010, before me, a Notary Public, personally appeared Sean P. Conlon, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 12th day of March 2010.

Daniel J. Mumaw

STATE OF Ohio )
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 12th day of March 2010, before me, a Notary Public, personally appeared Daniel J. Mumaw, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this Q TH day of
MARCH, 2010.

Jérome R. Morgan

STATE OF Ohio )
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this Q TH day of MARCH, 2010, before me, a Notary
Public, personally appeared Jérome R. Morgan, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 12 TH day of
MARCH, 2010.

William P. Dannaher (L.S.)

STATE OF Ohio )
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 12 TH day of MARCH, 2010, before me, a Notary
Public, personally appeared William P. Dannaher, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9th day of MARCH, 2010.

Omar J. Vakharla

STATE OF Ohio )
COUNTY OF HAMPTON ) ss.

BE IT REMEMBERED, That on this 12th day of MARCH, 2010, before me, a Notary Public, personally appeared Omar J. Vakharla, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9th day of MARCH, 2010.

Richard W. Timm

STATE OF Ohio )
COUNTY OF HAMPTON ) ss.

BE IT REMEMBERED, That on this 9th day of MARCH, 2010, before me, a Notary Public, personally appeared Richard W. Timm, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ___ day of March, 2010.

Matthew C. Miller

STATE OF Ohio ss.
COUNTY OF Hamilton

BE IT REMEMBERED, That on this ___ day of March, 2010, before me, a Notary Public, personally appeared Matthew C. Miller, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ___ day of March, 2010.

Galen C. Robertson

STATE OF Ohio ss.
COUNTY OF Hamilton

BE IT REMEMBERED, That on this ___ day of March, 2010, before me, a Notary Public, personally appeared Galen C. Robertson, 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