## PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

### 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>09/09/2010</td>
</tr>
<tr>
<td>Zhifan F. Huang</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>David A. Witt</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Jeffrey L. Aldridge</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Raymond M. Banks</td>
<td>09/07/2010</td>
</tr>
<tr>
<td>Mary E. Mootoo</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Jeffrey S. Swayze</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Foster B. Stulen</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Prasanna Malaviya</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Gregory W. Johnson</td>
<td>09/13/2010</td>
</tr>
<tr>
<td>Paul Guerra</td>
<td>09/14/2010</td>
</tr>
</tbody>
</table>

### 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>
</tr>
</tbody>
</table>

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>12797305</td>
</tr>
</tbody>
</table>

### CORRESPONDENCE DATA

- **Fax Number:** (412)355-6501  
  *Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
- **Phone:** (412) 355-6282
- **Email:** patents@kgates.com
- **Correspondent Name:** Brian T. Geisler

501292606  
**PATENT**  
**REEL: 024997 FRAME: 0466**
DOCKET NO. END6652USN3/090290
Joint Inventors

ASSIGNMENT

Serial No. 12/797,305
Filed: June 9, 2010

WHEREAS, Timothy G. Dietz, a citizen of the United States, residing at 2 Elm Ledge, Terrace Park, Ohio 45174; Zhifan F. Huang, a citizen of the People's Republic of China, residing at 4378 Serpentine Way, Mason, Ohio 45040; David A. Will, a citizen of the United States, residing at 1187 Chaucer Place, Maineville, Ohio 45039; Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; Raymond M. Banks, a citizen of the United States, residing at 22303 Regent Road, Cupertino, California 95014; Mary E. Mounto, a citizen of the United States, residing at 4701 Sycamore Road, Cincinnati, Ohio 45236; Jeffrey S. Swayne, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Foster B. Stulon, a citizen of the United States, residing at 6245 Bridgewater Court, Mason, Ohio 45040; Prasanna Malavila, a citizen of the United States, residing at 5860 Maxfli Lane, Mason, Ohio 45040; Gregory W. Johnson, a citizen of the United States, residing at 907 Center Street, Milford, Ohio 45150; Paul Guerra, a citizen of the United States, residing at 16500 Bonnie Lane, Los Gatos, California 95032; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

ELECTROSURGICAL INSTRUMENT EMPLOYING A PLURALITY OF ELECTRODES

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

WHEREAS, Rthicon 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 said title.

PI-2385508 v1 0243605-00025
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9th day of
SEPTEMBER, 2010.

Timothy G. Dietz
(L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 9th day of SEPTEMBER, 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. VANDERBURG
Notary Public, State of Ohio
My Commission Expires
December 15, 2013

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of SEPTEMBER
2010.

Zhifan F. Huang
(L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 13th day of SEPTEMBER, 2010, before me, a Notary
Public, personally appeared Zhifan F. Huang, 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. VANDERBURG
Notary Public, State of Ohio
My Commission Expires
December 15, 2013
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September, 2010.

David A. Witt (L.S.)

STATE OF Ohio } ss.
COUNTY OF Hamilton }

BE IT REMEMBERED, That on this 13th day of September, 2010, before me, a Notary Public, personally appeared David A. Witt, 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. VandenBerg
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September, 2010.

Jeffrey L. Aldridge (L.S.)

STATE OF Ohio } ss.
COUNTY OF Hamilton }

BE IT REMEMBERED, That on this 13th day of September, 2010, before me, a Notary Public, personally appeared Jeffrey L. Aldridge, 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. VandenBerg
Notary Public

PATENT
REEL: 024997 FRAME: 0470
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of

_______, 2010.

________________________ (L.S.)
Raymond M. Banks

STATE OF

______________________ )

COUNTY OF

______________________ ) ss.

BE IT REMEMBERED, That on this ______ day of ______, 2010, before me, a Notary Public, personally appeared Raymond M. Banks, 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

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

________________________
Mary E. Mootoo

STATE OF

Ohio )

COUNTY OF

Hamilton ) ss.

BE IT REMEMBERED, That on this ______ day of ______, 2010, before me, a Notary Public, personally appeared Mary E. Mootoo, 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. Van Denburg
Notary Public
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September, 2010.

Jeffrey S. Swayze
(L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 13th day of September, 2010, before me, a Notary Public, personally appeared Jeffrey S. Swayze, 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. Vandenbarg
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September, 2010.

Foster B. Stulen
(L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 13th day of September, 2010, before me, a Notary Public, personally appeared Foster B. Stulen, 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. Vandenbarg
Notary Public
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September 2010.

Prasanna Malaviya (L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 13th day of September 2010, before me, a Notary Public, personally appeared Prasanna Malaviya, 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, State of Ohio
My Commission Expires December 15, 2013

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13th day of September 2010.

Gregory W. Johnson (L.S.)

STATE OF Ohio
COUNTY OF Hamilton

BE IT REMEMBERED, That on this 13th day of September 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, State of Ohio
My Commission Expires December 15, 2013
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of _______ , 2010.

________________________ (L.S.)

Paul Guerra

STATE OF ____________ )

COUNTY OF ____________ ) ss.

BB IT REMEMBERED, That on this ______ day of _______ , 2010, before me, a Notary Public, personally appeared Paul Guerra, 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
ASSIGNMENT

Serial No. 12/797,305
Filed: June 9, 2010

WHEREAS, Timothy G. Dietz, a citizen of the United States, residing at 2 Elm Ledge, Terrace Park, Ohio 45174; Zhifan F. Huang, a citizen of the People’s Republic of China, residing at 4378 Serpentine Way, Mason, Ohio 45040; David A. Witt, a citizen of the United States, residing at 1187 Chaucer Place, Maineville, Ohio 45039; Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; Raymond M. Banks, a citizen of the United States, residing at 22303 Regnart Road, Cupertino, California 95014; Mary E. Mootoo, a citizen of the United States, residing at 4701 Sycamore Road, Cincinnati, Ohio 45236; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Foster B. Stulen, a citizen of the United States, residing at 6245 Bridgewater Court, Mason, Ohio 45040; Prasanna Malaviya, a citizen of the United States, residing at 5860 Maxfli Lane, Mason, Ohio 45040; Gregory W. Johnson, a citizen of the United States, residing at 907 Center Street, Milford, Ohio 45150; Paul Guerra, a citizen of the United States, residing at 16500 Bonnie Lane, Los Gatos, California 95032; (hereinafter called “Assignors”), have made certain new and useful inventions or discoveries relating to:

ELECTROSURGICAL INSTRUMENT EMPLOYING A PLURALITY OF ELECTRODES

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 said title.
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _______ day of 
______________, 2010.

__________________________ (L.S.)

Timothy G. Dietz

STATE OF         Ohio        )
COUNTY OF                  )       ss.

BE IT REMEMBERED, That on this _______ day of ______________, 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.

__________________________

Notary Public

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

__________________________ (L.S.)

Zhifan F. Huang

STATE OF         Ohio        )
COUNTY OF                  )       ss.

BE IT REMEMBERED, That on this _______ day of ______________, 2010, before me, a Notary 
Public, personally appeared Zhifan F. Huang, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of ____________, 2010.

____________________________________ (L.S.)
David A. Witt

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ______ day of ____________, 2010, before me, a Notary Public, personally appeared David A. Witt, 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

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

____________________________________ (L.S.)
Jeffrey L. Aldridge

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ______ day of ____________, 2010, before me, a Notary Public, personally appeared Jeffrey L. Aldridge, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal the ____ day of September, 2010.

Raymond M. Banks (L.S.)

STATE OF 

) ss.

COUNTY OF 

BE IT REMEMBERED, That on this ____ day of ____________, 2010, before me, a Notary Public, personally appeared Raymond M. Banks, 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

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

Mary E. Mootoo (L.S.)

STATE OF Ohio ) ss.

COUNTY OF 

BE IT REMEMBERED, That on this ____ day of ____________, 2010, before me, a Notary Public, personally appeared Mary E. Mootoo, 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
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of San Mateo

On Sept. 7, 2010 before me, Marylou H. Smith Notary,

personally appeared Raymond M. Banks

who proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Marylou H. Smith

Description of Attached Document
Title or Type of Document: Patent Application #12/797,305
Document Date: June 9, 2010 Number of Pages: 7

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)
Signer's Name:    Signer's Name:    Signer's Name:
☐ Corporate Officer — Title(s):    ☐ Corporate Officer — Title(s):    ☐ Corporate Officer — Title(s):
☐ Individual
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other:    ☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other:

Signer Is Representing:    Signer Is Representing:    Signer Is Representing:    Signer Is Representing:
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of __________, 2010.

______________________(L.S.)
Jeffrey S. Swayze

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ______ day of __________, 2010, before me, a Notary Public, personally appeared Jeffrey S. Swayze, 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

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

______________________(L.S.)
Foster B. Stulen

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ______ day of __________, 2010, before me, a Notary Public, personally appeared Foster B. Stulen, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ________ day of __________, 2010.

____________________________ (L.S.)
Prasanna Malaviya

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ________ day of __________, 2010, before me, a Notary Public, personally appeared Prasanna Malaviya, 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

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

____________________________ (L.S.)
Gregory W. Johnson

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this ________ day of __________, 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.

____________________________
Notary Public
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of ________, 2010.

__________________________ (L.S.)
Paul Guerra

STATE OF ____________ )
COUNTY OF ____________ ) ss.

BE IT REMEMBERED, That on this ______ day of ____________, 2010, before me, a Notary Public, personally appeared Paul Guerra, 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
ASSIGNMENT

Serial No. 12/797,305
Filed: June 9, 2010

WHEREAS, Timothy G. Dietz, a citizen of the United States, residing at 2 Elm Ledge, Terrace Park, Ohio 45174; Zhifan F. Huang, a citizen of the People's Republic of China, residing at 4378 Serpentine Way, Mason, Ohio 45040; David A. Witt, a citizen of the United States, residing at 1187 Chaucer Place, Maineville, Ohio 45039; Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; Raymond M. Banks, a citizen of the United States, residing at 22303 Regnart Road, Cupertino, California 95014; Mary E. Mootoo, a citizen of the United States, residing at 4701 Sycamore Road, Cincinnati, Ohio 45236; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Foster B. Stulen, a citizen of the United States, residing at 6245 Bridgewater Court, Mason, Ohio 45040; Prasanna Malaviya, a citizen of the United States, residing at 5860 Maxfli Lane, Mason, Ohio 45040; Gregory W. Johnson, a citizen of the United States, residing at 907 Center Street, Milford, Ohio 45150; Paul Guerra, a citizen of the United States, residing at 16500 Bonnie Lane, Los Gatos, California 95032; (hereinafter called “Assignors”), have made certain new and useful inventions or discoveries relating to:

ELECTROSURGICAL INSTRUMENT EMPLOYING A PLURALITY OF ELECTRODES

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 said title.
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _______ day of 
________________, 2010.

_________________________ (L.S.)
Timothy G. Dietz

STATE OF
Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this _______ day of _____________, 2010, before me, a Notary 
Public, personally appeared ______________, 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

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

_________________________ (L.S.)
Zhifan F. Huang

STATE OF
Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this _______ day of _____________, 2010, before me, a Notary 
Public, personally appeared ______________, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _______ day of
__________, 2010.

__________________________________________ (L.S.)
David A. Witt

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this _______ day of ____________, 2010, before me, a Notary Public, personally appeared David A. Witt, 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

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

__________________________________________ (L.S.)
Jeffrey L. Aldridge

STATE OF Ohio )
COUNTY OF ) ss.

BE IT REMEMBERED, That on this _______ day of ____________, 2010, before me, a Notary Public, personally appeared Jeffrey L. Aldridge, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of _________, 2010.

____________________________________ (L.S.)
Raymond M. Banks

STATE OF ___________ )
COUNTY OF _________ ) ss.

BE IT REMEMBERED, That on this ______ day of _____________, 2010, before me, a Notary Public, personally appeared Raymond M. Banks, 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

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

____________________________________ (L.S.)
Mary E. Mootoo

STATE OF Ohio ___________ )
COUNTY OF _________ ) ss.

BE IT REMEMBERED, That on this ______ day of _____________, 2010, before me, a Notary Public, personally appeared Mary E. Mootoo, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ______ day of ________, 2010.

________________________ (L.S.)
Jeffrey S. Swayze

STATE OF
Ohio )

COUNTY OF
 ) ss.

BE IT REMEMBERED, That on this ______ day of ____________, 2010, before me, a Notary Public, personally appeared Jeffrey S. Swayze, 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

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

________________________ (L.S.)
Foster B. Stulen

STATE OF
Ohio )

COUNTY OF
 ) ss.

BE IT REMEMBERED, That on this ______ day of ____________, 2010, before me, a Notary Public, personally appeared Foster B. Stulen, 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
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _______ day of _________, 2010.

________________________________________ (L.S.)
Prasanna Malaviya

STATE OF  Ohio  )
COUNTY OF  ) ss.

BE IT REMEMBERED, That on this _______ day of ____________, 2010, before me, a Notary Public, personally appeared Prasanna Malaviya, 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

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

________________________________________ (L.S.)
Gregory W. Johnson

STATE OF  Ohio  )
COUNTY OF  ) ss.

BE IT REMEMBERED, That on this _______ day of ____________, 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.

______________________________
Notary Public
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 14th day of September 2010.

Paul Guerra (L.S.)

STATE OF __________ )
COUNTY OF __________ ) ss.

BE IT REMEMBERED, That on this ______ day of __________, 2010, before me, a Notary Public, personally appeared Paul Guerra, 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
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of

On Sept-14-2010 before me, Notary Public
personally appeared

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature:

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document
Title or Type of Document: Assignment

Document Date: ___________________________ Number of Pages: 7

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)
Signer's Name: Paul Guerra

Signer Is Representing:

© 2010 National Notary Association • NationalNotary.org • 1-800-US NOTARY (1-800-876-6827)

PATENT
REEL: 024997 FRAME: 0490

RECORDED: 09/16/2010