

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																								
<b>CONVEYING PARTY DATA</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">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>		Name	Execution Date	Timothy G. Dietz	09/09/2010	Zhifan F. Huang	09/13/2010	David A. Witt	09/13/2010	Jeffrey L. Aldridge	09/13/2010	Raymond M. Banks	09/07/2010	Mary E. Mootoo	09/13/2010	Jeffrey S. Swayze	09/13/2010	Foster B. Stulen	09/13/2010	Prasanna Malaviya	09/13/2010	Gregory W. Johnson	09/13/2010	Paul Guerra	09/14/2010
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<b>RECEIVING PARTY DATA</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;"><b>Name:</b></td><td>Ethicon Endo-Surgery, Inc.</td></tr> <tr><td><b>Street Address:</b></td><td>4545 Creek Road</td></tr> <tr><td><b>City:</b></td><td>Cincinnati</td></tr> <tr><td><b>State/Country:</b></td><td>OHIO</td></tr> <tr><td><b>Postal Code:</b></td><td>45242</td></tr> </table>		<b>Name:</b>	Ethicon Endo-Surgery, Inc.	<b>Street Address:</b>	4545 Creek Road	<b>City:</b>	Cincinnati	<b>State/Country:</b>	OHIO	<b>Postal Code:</b>	45242														
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<b>PROPERTY NUMBERS Total: 1</b>																									
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<b>CORRESPONDENCE DATA</b>																									
<p>Fax Number: (412)355-6501</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (412) 355-6282</p> <p>Email: patents@klgates.com</p> <p>Correspondent Name: Brian T. Geisler</p>																									

CH \$40.00 12797305

**501292606**

**PATENT**  
**REEL: 024997 FRAME: 0466**

Address Line 1:	210 Sixth Avenue
Address Line 2:	K&L Gates Center
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END6652USNP3/090290
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NAME OF SUBMITTER:	Brian T. Geisler
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**Total Attachments: 23**

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## ASSIGNMENT

Serial No. 12/797,305Filed: 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, Bthicon 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 9<sup>th</sup> day of SEPTEMBER, 2010.

Timothy G. Dietz (L.S.)  
Timothy G. Dietz

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 9<sup>th</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

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

Zhifan F. Huang (L.S.)  
Zhifan F. Huang

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13<sup>th</sup> day of Sept, 2010.

David A. Witt (L.S.)  
David A. Witt

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

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

Jeffrey L. Aldridge (L.S.)  
Jeffrey L. Aldridge

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

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

\_\_\_\_\_  
Raymond M. Banks (L.S.)

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 13 day of September 2010.

Mary E. Mootoo (L.S.)  
Mary E. Mootoo

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> day of September, 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. 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 13<sup>TH</sup> day of SEPTEMBER 2010.

Jeffrey S. Swayze (L.S.)  
Jeffrey S. Swayze

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>TH</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13<sup>TH</sup> day of SEPTEMBER, 2010.

Foster B. Stulen (L.S.)  
Foster B. Stulen

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 13<sup>TH</sup> 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. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Virginia A. Vandenburg  
Notary Public

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

Prasanna Malaviya (L.S.)  
Prasanna Malaviya

STATE OF

Ohio

COUNTY OF

Hamilton

ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> 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

Virginia A. Vandenburg  
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13<sup>th</sup> day of SEPT., 2010.

Gregory W. Johnson (L.S.)  
Gregory W. Johnson

STATE OF

Ohio

COUNTY OF

Hamilton

ss.

BE IT REMEMBERED, That on this 13<sup>th</sup> 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

Virginia A. Vandenburg  
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 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

## ASSIGNMENT

Serial No. 12/797,305Filed: 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.

\_\_\_\_\_  
Timothy G. Dietz (L.S.)

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.

\_\_\_\_\_  
Zhifan F. Huang (L.S.)

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.

\_\_\_\_\_  
David A. Witt (L.S.)

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.

\_\_\_\_\_  
Jeffrey L. Aldridge (L.S.)

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 7<sup>TH</sup> day of SEPTEMBER, 2010.

  
Raymond M. Banks

(L.S.)

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 (L.S.)

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

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of San Mateo

} ss - menlo park

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

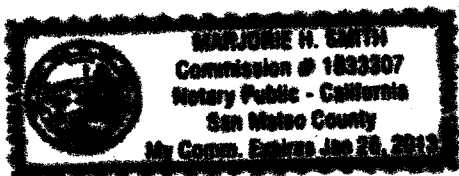
Date

Here Insert Name and Title of the Officer

personally appeared Raymond M. Bank

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/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: Margorie H. Smith

Signature of Notary Public

Place Notary Seal Above

## 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: 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: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

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

\_\_\_\_\_  
Jeffrey S. Swayze (L.S.)

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.

\_\_\_\_\_  
Foster B. Stulen (L.S.)

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.

\_\_\_\_\_  
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

## ASSIGNMENT

Serial No. 12/797,305Filed: 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.

\_\_\_\_\_  
Timothy G. Dietz (L.S.)

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.

\_\_\_\_\_  
Zhifan F. Huang (L.S.)

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.

\_\_\_\_\_  
David A. Witt (L.S.)

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.

\_\_\_\_\_  
Jeffrey L. Aldridge (L.S.)

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.

\_\_\_\_\_  
Raymond M. Banks (L.S.)

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 (L.S.)

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.

\_\_\_\_\_  
Jeffrey S. Swayze (L.S.)

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.

\_\_\_\_\_  
Foster B. Stulen (L.S.)

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.

\_\_\_\_\_  
Prasanna Malaviya (L.S.)

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.

\_\_\_\_\_  
Gregory W. Johnson (L.S.)

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 14<sup>th</sup> day of September 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.

See attached certificate. 

\_\_\_\_\_  
Notary Public



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

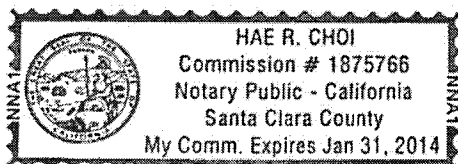
State of California

County of Santa Clara

On Sept-14-2010 before me, Hae R Choi - Notary Public

personally appeared Paul Guerra

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/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: [Signature]

Place Notary Seal Above

## 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

☐ Corporate Officer — Title(s): \_\_\_\_\_

☒ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

PATENT

RECORDED: 09/16/2010

REEL: 024997 FRAME: 0490