

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>Brian DiNardo</td><td>08/05/2009</td></tr><tr><td>David C. Yates</td><td>08/05/2009</td></tr><tr><td>Jeffrey D. Messerly</td><td>08/05/2009</td></tr><tr><td>Eitan T. Wiener</td><td>08/03/2009</td></tr><tr><td>David A. Witt</td><td>08/05/2009</td></tr><tr><td>James R. Giordano</td><td>08/05/2009</td></tr><tr><td>Jeffrey L. Aldridge</td><td>08/05/2009</td></tr></tbody></table>		Name	Execution Date	Brian DiNardo	08/05/2009	David C. Yates	08/05/2009	Jeffrey D. Messerly	08/05/2009	Eitan T. Wiener	08/03/2009	David A. Witt	08/05/2009	James R. Giordano	08/05/2009	Jeffrey L. Aldridge	08/05/2009
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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</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	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45242						
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CORRESPONDENCE DATA																	
Fax Number: (412)355-6501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Correspondent Name: Roberto Capriotti - K&L Gates LLP																	
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ATTORNEY DOCKET NUMBER:	END6493USNP2/080594																

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PATENT
REEL: 023102 FRAME: 0853

NAME OF SUBMITTER:

Roberto Capriotti

Total Attachments: 5

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ASSIGNMENT

Serial No. 12/503,766

Filed: July 15, 2009

WHEREAS, Brian DiNardo, a citizen of the United States, residing at 10052 Old Farm Court, Cincinnati, Ohio 45242; David C. Yates, a citizen of the United States, residing at 7534 Galway Court, West Chester, Ohio 45069; Jeffrey D. Messerly, a citizen of the United States, residing at 2181 Telegraph Court, Cincinnati, Ohio 45244; Eitan T. Wiener, a citizen of the United States, residing at 9519 Croton Drive, Cincinnati, Ohio 45242; David A. Witt, a citizen of the United States, residing at 1187 Chaucer Place, Maineville, Ohio 45039; James R. Giordano, a citizen of the United States, residing at 5647 Chestnutview Lane, Milford, Ohio 45150; and Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

IMPEDANCE MONITORING APPARATUS, SYSTEM, AND METHOD FOR
ULTRASONIC SURGICAL INSTRUMENTS

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 5th day of August, 2009.

Brian DiNardo (L.S.)
Brian DiNardo

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 5th day of August, 2009, before me, a Notary Public, personally appeared Brian DiNardo, 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 5th day of August, 2009.

David C. Yates (L.S.)
David C. Yates

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 5th day of August, 2009, 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.



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 5TH day of
AUGUST, 2009.

Jeffrey D. Messerly (L.S.)
Jeffrey D. Messerly

STATE OF
COUNTY OF

Ohio
Hamilton

ss.

BE IT REMEMBERED, That on this 5th day of August, 2009, before me, a Notary Public, personally appeared Jeffrey D. Messerly, 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 3rd day of
August, 2009.

Eitan T. Wiener (L.S.)
Eitan T. Wiener

STATE OF
COUNTY OF

Ohio
Hamilton

ss.

BE IT REMEMBERED, That on this 3rd day of August, 2009, before me, a Notary Public, personally appeared Eitan T. Wiener, 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 5th day of AUG, 2009.

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

STATE OF
COUNTY OF

Ohio
Hamilton

ss.

BE IT REMEMBERED, That on this 5th day of AUGUST, 2009, 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 5TH day of AUGUST, 2009.

James R. Giordano (L.S.)
James R. Giordano

STATE OF
COUNTY OF

Ohio
Hamilton

ss.

BE IT REMEMBERED, That on this 5th day of August, 2009, before me, a Notary Public, personally appeared James R. Giordano, 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 5th day of
AUGUST, 2009.

Jeffrey L. Aldridge (s.)
Jeffrey L. Aldridge

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 5th day of August, 2009, 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