

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark S. Ortiz</td> <td>01/05/2010</td> </tr> <tr> <td>Brandon L. Livingston</td> <td>01/05/2010</td> </tr> <tr> <td>Dhananjay V. Patil</td> <td>01/27/2010</td> </tr> <tr> <td>Mark S. Zeiner</td> <td>01/05/2010</td> </tr> <tr> <td>Theodore J. DiMagno</td> <td>01/21/2010</td> </tr> <tr> <td>Edgar V. Menezes</td> <td>01/21/2010</td> </tr> <tr> <td>Aron O. Zingman</td> <td>01/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mark S. Ortiz	01/05/2010	Brandon L. Livingston	01/05/2010	Dhananjay V. Patil	01/27/2010	Mark S. Zeiner	01/05/2010	Theodore J. DiMagno	01/21/2010	Edgar V. Menezes	01/21/2010	Aron O. Zingman	01/05/2010
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Edgar V. Menezes	01/21/2010																
Aron O. Zingman	01/05/2010																
<b>RECEIVING PARTY DATA</b>																	
Name:	Ethicon Endo-Surgery, Inc.																
Street Address:	4545 Creek Road																
City:	Cincinnati																
State/Country:	OHIO																
Postal Code:	45242																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12636205</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12636205												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(617)310-9394																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	617-439-2394																
Email:	csperry@nutter.com																
Correspondent Name:	Christina M. Sperry																
Address Line 1:	Nutter McClennen & Fish LLP																
Address Line 2:	155 Seaport Boulevard																
Address Line 4:	Boston, MASSACHUSETTS 02210																
ATTORNEY DOCKET NUMBER:	100873-384																

OP \$40.00 12636205

**501109969**

**PATENT**  
**REEL: 024030 FRAME: 0947**

NAME OF SUBMITTER:

Christina M. Sperry

**Total Attachments: 24**

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**ASSIGNMENT**

We, Mark S. Ortiz residing at 1145 Glen Echo Lane, Milford, Ohio 45150; Brandon L. Livingston residing at 5624 Bristol Court, Mason, Ohio 45040; Dhananjay V. Patil residing at #3 Sagar Manthan Soc., Sector-4, Charkop, Kandivali, Mumbai-, INDIA; Mark S. Zeiner residing at 5897 Trailside CT., Mason, Ohio 45040; Theodore J. DiMagno residing at 19 Sunberry Drive, Penfield, New York 14526; Edgar V. Mendezes residing at 385 Blagdon Court, Jacksonville, Florida 32225; and Aron O. Zingman residing at 2333 Salutaris Avenue, #4, Cincinnati, Ohio 45206 (hereinafter referred to as Assignors), and in consideration of One Dollar and other valuable consideration paid to us by

**ETHICON ENDO-SURGERY, INC.**

a corporation of Ohio, having its principal place of business at 4545 Creek Road, Cincinnati, Ohio 45242, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

**ETHICON ENDO-SURGERY, INC.**

its successors and assigns, our entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**METHODS AND DEVICES FOR PROVIDING ACCESS THROUGH  
TISSUE TO A SURGICAL SITE**

described in U.S. Patent Application Serial No. 12/636,205, filed on December 11, 2009, in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

[SIGNATURES ON NEXT PAGES]

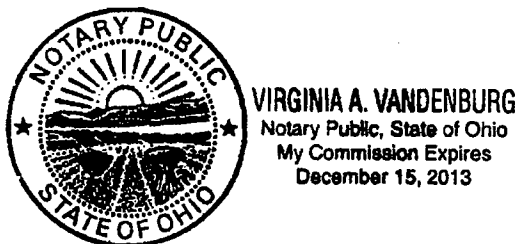
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 5<sup>th</sup> day of JANUARY, 2010

(L.S.) Mark S Ortiz  
\_\_\_\_\_  
Mark S. Ortiz

STATE OF Ohio )  
  ) ss:  
COUNTY OF Hamilton )

BE IT REMEMBERED, that on this 5<sup>th</sup> day of January, 2010, before me, a Notary Public, personally appeared Mark S. Ortiz, 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 (official signature and seal of notary)  
My Commission Expires: Dec. 15, 2013



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 5<sup>TH</sup> day of JANUARY, 2010

(L.S.) Brandon L. Livingston  
Brandon L. Livingston

STATE OF Ohio )  
COUNTY OF Hamilton ) ss:

BE IT REMEMBERED, that on this 5<sup>th</sup> day of January, 2010, before me, a Notary Public, personally appeared Brandon L. Livingston, 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 (official signature and seal of notary)  
My Commission Expires: Dec. 15, 2013



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

Attorney Docket No.: 100873-0384 (END6635USNP)  
Application Serial No.: 12/636,205

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dhananjay V. Patil

**Witness:**

\_\_\_\_\_  
Date

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 5<sup>th</sup> day of  
JANUARY, 2010

(L.S.) Mark S. Zeiner  
Mark S. Zeiner

STATE OF Ohio )  
COUNTY OF Hamilton ) ss:  
)

BE IT REMEMBERED, that on this 5<sup>th</sup> day of January 2010, before me, a Notary Public, personally appeared Mark S. Zeiner, 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 (official signature and seal of notary)  
My Commission Expires: Dec. 15, 2013



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 21 day of January, 2010

(L.S.) *Theodore J. DiMugno*  
Theodore J. DiMugno

STATE OF NY )  
) ss:  
COUNTY OF Monroe )

BE IT REMEMBERED, that on this 21<sup>st</sup> day of January, 2010, before me, a Notary Public, personally appeared Theodore J. DiMugno, 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.

*Jenny Haines* (official signature and seal of notary)  
My Commission Expires: 10/25/12

Jenny Haines  
Notary Public, State of New York  
No. 01HA6117396  
Monroe County, exp. 10/25/12



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

(L.S.)

\_\_\_\_\_  
 Edgar V. Mendezes

STATE OF \_\_\_\_\_ )  
   ) ss:  
 COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Edgar V. Mendezes, 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.

\_\_\_\_\_  
 (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 5<sup>th</sup> day of January, 2010

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

STATE OF Ohio )  
COUNTY OF Hamilton ) ss:  
)

BE IT REMEMBERED, that on this 5<sup>th</sup> day of January, 2010, before me, a Notary Public, personally appeared Aron O. Zingman, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Virginia A. Vandenburg (official signature and seal of notary)  
My Commission Expires: Dec. 15, 2013

1881853.1



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

**ASSIGNMENT**

*Edgar V. Mendezes*

We, Mark S. Ortiz residing at 1145 Glen Echo Lane, Milford, Ohio 45150; Brandon L. Livingston residing at 5624 Bristol Court, Mason, Ohio 45040; Dhananjay V. Patil residing at #3 Sagar Manthan Soc., Sector-4, Charkop, Kandivali, Mumbai-, INDIA; Mark S. Zeiner residing at 5897 Trailside CT., Mason, Ohio 45040; Theodore J. DiMagno residing at 19 Sunberry Drive, Penfield, New York 14526; ~~Edgar V. Mendezes~~ residing at 385 Blagdon Court, Jacksonville, Florida 32225; and Aron O. Zingman residing at 2333 Salutaris Avenue, #4, Cincinnati, Ohio 45206 (hereinafter referred to as Assignors), and in consideration of One Dollar and other valuable consideration paid to us by

**ETHICON ENDO-SURGERY, INC.**

a corporation of Ohio, having its principal place of business at 4545 Creek Road, Cincinnati, Ohio 45242, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

**ETHICON ENDO-SURGERY, INC.**

its successors and assigns, our entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**METHODS AND DEVICES FOR PROVIDING ACCESS THROUGH  
TISSUE TO A SURGICAL SITE**

described in U.S. Patent Application Serial No. 12/636,205, filed on December 11, 2009, in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

[SIGNATURES ON NEXT PAGES]



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

(L.S.)

\_\_\_\_\_   
 Brandon L. Livingston

STATE OF \_\_\_\_\_ )  
 ) ss:  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Brandon L. Livingston, 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.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_

Attorney Docket No.: 100873-0384 (END6635USNP)  
Application Serial No.: 12/636,205

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dhananjay V. Patil

**Witness:**

\_\_\_\_\_  
Date







IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 21 day of Jan, 2010

(L.S.)

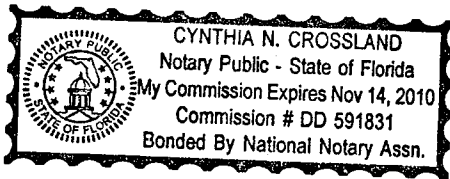
Edgar V. Mendezes *Edgar V. Mendezes*  
~~Edgar V. Mendezes~~ *Edgar V. Mendezes*

STATE OF FLORIDA )  
 ) ss:  
COUNTY OF DUVAL )

BE IT REMEMBERED, that on this 21<sup>ST</sup> day of JANUARY 2010, before me, a Notary Public, personally appeared Edgar V. <sup>MENEZES</sup> Mendezes, 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.

Cynthia N. Crossland (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_



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

(L.S.)

\_\_\_\_\_  
Aron O. Zingman

STATE OF \_\_\_\_\_ )  
  ) ss:  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Aron O. Zingman, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires:\_\_\_\_\_

**ASSIGNMENT**

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[SIGNATURES ON NEXT PAGES]

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(L.S.)

\_\_\_\_\_  
Mark S. Ortiz

STATE OF \_\_\_\_\_ )  
  ) ss:  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Mark S. Ortiz, 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.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_

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

(L.S.) \_\_\_\_\_  
 Brandon L. Livingston


STATE OF \_\_\_\_\_ )  
 ) ss:  
 COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Brandon L. Livingston, 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.

\_\_\_\_\_ (official signature and seal of notary)

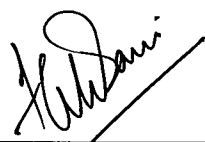
My Commission Expires: \_\_\_\_\_

27-01-2010  
Date

  
Dhananjay V. Patil

**Witness:**

27.01.2010  
Date

  
HITESH JAIN,



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

(L.S.)

\_\_\_\_\_  
Theodore J. DiMagno

STATE OF \_\_\_\_\_ )  
  ) ss:  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Theodore J. DiMagno, 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.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_





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

(L.S.)

\_\_\_\_\_  
Aron O. Zingman

STATE OF \_\_\_\_\_ )  
   ) ss:  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Aron O. Zingman, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_

1881853.1