

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daniel F. Dlugos Jr.	10/01/2009
Thomas E. Adams	10/05/2009
Randal T. Byrum	10/01/2009
Toralf Bork	10/05/2009
Christine H. Chen	10/05/2009
Sean P. Conlon	10/05/2009
Rocco Crivelli	10/05/2009
Dean L. Garner	10/01/2009
Alec J. Ginggen	10/01/2009
David T. Krumanaker	10/05/2009
Amy L. Marcotte	10/05/2009
Anil K. Nalagatla	10/05/2009
Bret W. Smith	10/06/2009
Jeffrey S. Swayze	10/05/2009
Richard W. Timm	10/05/2009

RECEIVING PARTY DATA

Name:	Ethicon Endo-Surgery, Inc.
Street Address:	4545 Creek Road
City:	Cincinnati
State/Country:	OHIO
Postal Code:	45242

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12562310

CORRESPONDENCE DATA

501012000

PATENT  
REEL: 023499 FRAME: 0947

OP \$40.00 12562310

Fax Number: (703)920-3399

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 7039201122

Email: kreamer@iplawsolutions.com

Correspondent Name: Welsh & Flaxman LLC

Address Line 1: 2000 Duke Street

Address Line 2: Suite 100

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:

END6484

NAME OF SUBMITTER:

John L. Welsh

Total Attachments: 29

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ASSIGNMENT

Serial No. 12/562,310  
Filed 09/18/2009

WHEREAS, Daniel F. Dlugos Jr., a citizen of the United States, residing at 8072 Lois Lane, Middletown, OH 45044; WHEREAS, Thomas E. Adams, a citizen of the United States, residing at 4098 Crestview Dr., Loveland, OH 45140; WHEREAS, Randal T. Byrum, a citizen of the United States, residing at 370 Forest Edge Dr., South Lebanon, OH 45065; WHEREAS, Toralf Bork, a citizen of Germany, residing at Chemin des Brisecou 21, 3073 Enges, Switzerland; WHEREAS, Christine H. Chen, a citizen of the United States, residing at 1337 Herlin Place, Cincinnati, OH 45208; WHEREAS, Sean P. Conlon, a citizen of the United States, residing at 3234C N. Shadow Hill Way, Loveland, OH 45140; WHEREAS, Rocco Crivelli, a citizen of Switzerland, residing at V.le Giuseppe Motta 32A, 6500 Bellinzona, Switzerland; WHEREAS, Dean L. Garner, a citizen of the United States, residing at 6605 Murray Ave., #23C, Cincinnati, OH 45227; WHEREAS, Alec J. Ginggen, a citizen of Switzerland, residing at 6 Murray Street, Plymouth, MA 02360; WHEREAS, David T. Krumanaker, a citizen of the United States, residing at ~~400 Sylvan Shores Dr., South Vienna, OH 45369~~; WHEREAS, Amy L. Marcotte, a citizen of the United States, residing at 3877 Lost Willow Dr., Mason, OH 45040; WHEREAS, Anil K. Nalagatla, a citizen of the United States, residing at 4653 Sarah Dr., Mason, OH 45040; WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Dr., Kings Mill, OH 45034; WHEREAS, Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Dr., Hamilton, OH 45011, and WHEREAS, Richard W. Timm, a citizen of the United States, residing at 3405 Monteith Ave., Apt. 1, Cincinnati, OH 45208, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

IMPLANTABLE RESTRICTION SYSTEM WITH RELEASE MECHANISM  
for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation 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;

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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, Assignors have hereunto set their hands and seals this 1st day of OCTOBER, 2009.

STATE OF

Ohio

COUNTY OF

Hamilton

)  
) ss.



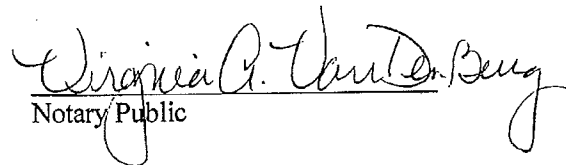
Daniel F. Dlugos Jr.

(L.S.)

BE IT REMEMBERED, That on this 1st day of October, 2009, before me, a Notary Public, personally appeared Daniel F. Dlugos Jr., 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

  
Notary Public

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 05 day of October, 2009.

Thomas E. Adams (L.S.)  
Thomas E. Adams

STATE OF OHIO )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 05 day of October, 2009, before me, a  
Notary Public, personally appeared Thomas E. Adams, 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, Assignors have hereunto set their hands and seals  
this 1<sup>st</sup> day of October, 2009.

Randal T. Byrum (L.S.)  
Randal T. Byrum

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 1<sup>st</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Randal T. Byrum, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
Toralf Bork (L.S.)  
COUNTY OF \_\_\_\_\_ ) ss.  
\_\_\_\_\_ )

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Toralf Bork, 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, Assignors have hereunto set their hands and seals  
this 5 day of October, 2009.

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.  
\_\_\_\_\_ )

Christine H. Chen (L.S.)  
Christine H. Chen

BE IT REMEMBERED, That on this 5 day of October, 2009, before me, a Notary Public, personally appeared Christine H. Chen, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of October, 2009.

Sean P. Conlon (L.S.)  
Sean P. Conlon

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Sean P. Conlon, who I am satisfied is the person named in  
and who executed the foregoing instrument in my presence, and I having first made known to  
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as  
his voluntary act and deed for the uses and purposes therein expressed.



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

Virginia A. Vandenburg  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Rocco Crivelli (L.S.)

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a  
Notary Public, personally appeared Rocco Crivelli, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 1<sup>st</sup> day of October, 2009.

STATE OF

Ohio

COUNTY OF

Hamilton

)  
) ss.  
)

Dean L. Garner

(L.S.)

BE IT REMEMBERED, That on this 1<sup>st</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Dean L. Garner, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF

COUNTY OF

)  
) ss.  
)

Alec J. Ginggen

(L.S.)

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a  
Notary Public, personally appeared Alec J. Ginggen, 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



END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 5 day of October, 2009.

David T. Krumanaker (L.S.)  
David T. Krumanaker

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared David T. Krumanaker, 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, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of October, 2009.

Amy L. Marcotte (L.S.)  
Amy L. Marcotte

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Amy L. Marcotte, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of October, 2009.

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.  
Anil K. Nalagatla (L.S.)  
Anil K. Nalagatla

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Anil K. Nalagatla, 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, Assignors have hereunto set their hands and seals  
this 6<sup>th</sup> day of OCTOBER, 2009.

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.  
Bret W. Smith (L.S.)  
Bret W. Smith

BE IT REMEMBERED, That on this 6<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Bret W. Smith, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of OCTOBER, 2009.

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

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

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, 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, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of October, 2009.

STATE OF Ohio )  
COUNTY OF Hamilton ) ss.

Richard W. Timm (L.S.)  
Richard W. Timm

BE IT REMEMBERED, That on this 5<sup>th</sup> day of October, 2009, before me, a  
Notary Public, personally appeared Richard W. Timm, who I am satisfied is the person named in  
and who executed the foregoing instrument in my presence, and I having first made known to  
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as  
his voluntary act and deed for the uses and purposes therein expressed.



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

Virginia A. Vandenburg  
Notary Public

ASSIGNMENT

Serial No. 12/562,310  
Filed 09/18/2009

WHEREAS, Daniel F. Dlugos Jr., a citizen of the United States, residing at 8072 Lois Lane, Middletown, OH 45044; WHEREAS, Thomas E. Adams, a citizen of the United States, residing at 4098 Crestview Dr., Loveland, OH 45140; WHEREAS, Randal T. Byrum, a citizen of the United States, residing at 370 Forest Edge Dr., South Lebanon, OH 45065; WHEREAS, Toralf Bork, a citizen of Germany, residing at Chemin des Brisecou 21, 2073 Enges, Switzerland; WHEREAS, Christine H. Chen, a citizen of the United States, residing at 1337 Herlin Place, Cincinnati, OH 45208; WHEREAS, Sean P. Conlon, a citizen of the United States, residing at 3234C N. Shadow Hill Way, Loveland, OH 45140; WHEREAS, Rocco Crivelli, a citizen of Switzerland, residing at V.le Giuseppe Motta 32A, 6500 Bellinzona, Switzerland; WHEREAS, Dean L. Garner, a citizen of the United States, residing at 6605 Murray Ave., #23C, Cincinnati, OH 45227; WHEREAS, Alec J. Ginggen, a citizen of Switzerland, residing at 6 Murray Street, Plymouth, MA 02360; WHEREAS, David T. Krumanaker, a citizen of the United States, residing at 400 Sylvan Shores Dr., South Vienna, OH 45369; WHEREAS, Amy L. Marcotte, a citizen of the United States, residing at 3877 Lost Willow Dr., Mason, OH 45040; WHEREAS, Anil K. Nalagatla, a citizen of the United States, residing at 4653 Sarah Dr., Mason, OH 45040; WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Dr., Kings Mill, OH 45034; WHEREAS, Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Dr., Hamilton, OH 45011, and WHEREAS, Richard W. Timm, a citizen of the United States, residing at 3405 Monteith Ave., Apt. 1, Cincinnati, OH 45208, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

IMPLANTABLE RESTRICTION SYSTEM WITH RELEASE MECHANISM  
for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation 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;

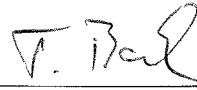
And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;





END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 5<sup>th</sup> day of October, 2009.



(L.S.)

Toralf Bork

STATE OF

)

) ss.

COUNTY OF

)

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Toralf Bork, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

(L.S.)

\_\_\_\_\_  
Christine H. Chen

STATE OF

)

) ss.

COUNTY OF

)

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Christine H. Chen, 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.

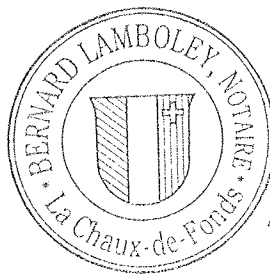
\_\_\_\_\_  
Notary Public

**Legalization of a signature**

The undersigned, Bernard Lamboley, notary in La Chaux-de-Fonds, certifies that the signature set on this Assignment, is the true and genuine signature of **Mr. Toralf Bork**, from Germany, in Neuchâtel. -----

La Chaux-de-Fonds, this twenty-two day of October two thousand and nine (October, 22, 2009). -----

**R.G. Vol. 1 No 37**





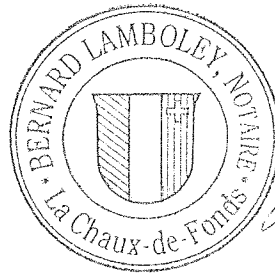


**Legalization of a signature**

The undersigned, Bernard Lamboley, notary in La Chaux-de-Fonds, certifies that the signature set on this Assignment, is the true and genuine signature of **Mr. Rocco Crivelli**, from Novazzano (TI), in Bellinzona. -----

La Chaux-de-Fonds, this twenty-two day of October two thousand and nine (October, 22, 2009). -----

**R.G. Vol. 1 No 38**









END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Jeffrey S. Swayze \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Richard W. Timm \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a  
Notary Public, personally appeared Richard W. Timm, who I am satisfied is the person named in  
and who executed the foregoing instrument in my presence, and I having first made known to  
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as  
his voluntary act and deed for the uses and purposes therein expressed.

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

ASSIGNMENT

Serial No. 12/562,310  
Filed 09/18/2009

WHEREAS, Daniel F. Dlugos Jr., a citizen of the United States, residing at 8072 Lois Lane, Middletown, OH 45044; WHEREAS, Thomas E. Adams, a citizen of the United States, residing at 4098 Crestview Dr., Loveland, OH 45140; WHEREAS, Randal T. Byrum, a citizen of the United States, residing at 370 Forest Edge Dr., South Lebanon, OH 45065; WHEREAS, Toralf Bork, a citizen of Germany, residing at Chemin des Brisecou 21, 3073 Enges, Switzerland; WHEREAS, Christine H. Chen, a citizen of the United States, residing at 1337 Herlin Place, Cincinnati, OH 45208; WHEREAS, Sean P. Conlon, a citizen of the United States, residing at 3234C N. Shadow Hill Way, Loveland, OH 45140; WHEREAS, Rocco Crivelli, a citizen of Switzerland, residing at V.le Giuseppe Motta 32A, 6500 Bellinzona, Switzerland; WHEREAS, Dean L. Garner, a citizen of the United States, residing at 6605 Murray Ave., #23C, Cincinnati, OH 45227; WHEREAS, Alec J. Ginggen, a citizen of Switzerland, residing at 6 Murray Street, Plymouth, MA 02360; WHEREAS, David T. Krumanaker, a citizen of the United States, residing at 400 Sylvan Shores Dr., South Vienna, OH 45369; WHEREAS, Amy L. Marcotte, a citizen of the United States, residing at 3877 Lost Willow Dr., Mason, OH 45040; WHEREAS, Anil K. Nalagatla, a citizen of the United States, residing at 4653 Sarah Dr., Mason, OH 45040; WHEREAS, Bret W. Smith, a citizen of the United States, residing at 4736 Eastport Dr., Kings Mill, OH 45034; WHEREAS, Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Dr., Hamilton, OH 45011, and WHEREAS, Richard W. Timm, a citizen of the United States, residing at 3405 Monteith Ave., Apt. 1, Cincinnati, OH 45208, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

TISSUE INTERFACE FOR IMPLANTABLE RESTRICTION SYSTEM  
for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation 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;

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Daniel F. Dlugos Jr., 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.

PATENT  
REEL: 023499 FRAME: 0970



IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Thomas E. Adams (L.S.)

STATE OF )  
 ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Thomas E. Adams, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Randal T. Byrum (L.S.)

STATE OF )  
 ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Randal T. Byrum, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Toralf Bork \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Toralf Bork, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Christine H. Chen \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Christine H. Chen, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Sean P. Conlon (L.S.)  
STATE OF )  
COUNTY OF ) ss.  
)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Sean P. Conlon, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

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

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Rocco Crivelli (L.S.)  
STATE OF )  
COUNTY OF ) ss.  
)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Rocco Crivelli, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Dean L. Garner \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Dean L. Garner, 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.

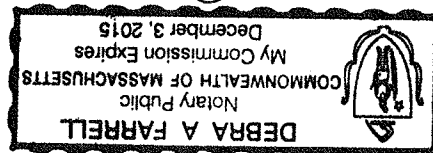
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this 1<sup>st</sup> day of October, 2009.

STATE OF Massachusetts )  
COUNTY OF Bristol ) ss.  
Alec J. Ginggen \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this 1 day of October, 2009, before me, a Notary Public, personally appeared Alec J. Ginggen, 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.

Debra A Farrell  
Notary Public



IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
David T. Krumanaker \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared David T. Krumanaker, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Amy L. Marcotte \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Amy L. Marcotte, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Anil K. Nalagatla \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Anil K. Nalagatla, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.  
Bret W. Smith \_\_\_\_\_ (L.S.)

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a Notary Public, personally appeared Bret W. Smith, 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

END6484USNP

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Jeffrey S. Swayze (L.S.)  
STATE OF )  
                  ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, 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, Assignors have hereunto set their hands and seals  
this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Richard W. Timm (L.S.)  
STATE OF )  
                  ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, 2009, before me, a  
Notary Public, personally appeared Richard W. Timm, who I am satisfied is the person named in  
and who executed the foregoing instrument in my presence, and I having first made known to  
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as  
his voluntary act and deed for the uses and purposes therein expressed.

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

PATENT

RECORDED: 11/11/2009

REEL: 023499 FRAME: 0977