



Commissioner for Patents:

102830411

Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b>  1. Inder Raj S. Makin 2. T. Douglas Mast 3. Michael H. Slayton 4. Peter G. Barthe 5. Jeffrey D. Messerly 6. Waseem Faidi 7. Megan M. Runk  Additional name(s) of conveying party(ies) attached?  __ Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b>  Name: Ethicon Endo-Surgery, Inc. Street Address: 4545 Creek Road City: Cincinnati State: OH Zip: 45242  Additional name(s) & address(es) attached?  __ Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment    __ Merger __ Security Agreement    __ Change of Name __ Other  Execution Dates: August 12 & 13, 2004, August 16, 2004, August 30, 2004			
<b>4. Application number(s) or patent number(s): 10/825,952</b>  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)                      B. Patent No.(s)  Additional numbers attached? __ Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Philip S. Johnson, Esq. Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003		<b>6. Total number of applications &amp; patents involved: 1</b>  <b>7. Total fee (37 CFR 3.41) ..... \$40.00</b>  <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account  <b>8. Deposit Account Number: 10-0750/END-5311/VEK</b>	
<b>9. Statement and signature</b>  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Verne E. Kreger, Jr.                                            August 30, 2004 Name of Person Signing                      Signature                      Date  Total number of pages including cover sheet, attachments, and document: 6			

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

09/03/2004 BTOM11 00000024 100750 10825952

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## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND TRANSDUCERS OR AN  
ULTRASOUND TRANSDUCER AND RF ELECTRODE

for which they have this day 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 they have 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 \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Inder Raj S. Makin

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
T. Douglas Mast

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Michael H. Slayton (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

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

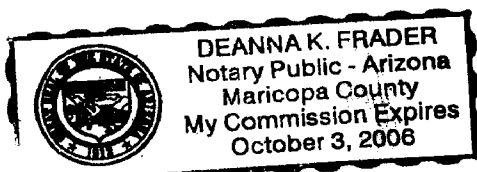
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 13<sup>th</sup> day of August, 2004

*Peter G. Barthe* (L.S.)  
Peter G. Barthe

STATE OF Arizona )  
 )ss.  
COUNTY OF Maricopa )

BE IT REMEMBERED, That on this 13<sup>th</sup> day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

*Deanna K. Frader*  
Notary Public



IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_ day of August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Waseem Faidi

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Megan Runk

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary  
Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who  
executed the foregoing instrument in my presence, and I having first made known to them the  
contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their  
voluntary act and deed for the uses and purposes therein expressed.

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

## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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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 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

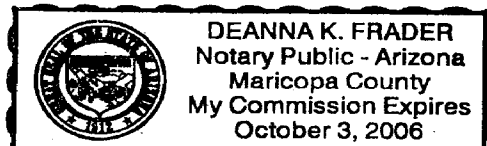
any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 13<sup>th</sup> day of August, 2004

Inder Raj S. Makin (L.S.)  
Inder Raj S. Makin

STATE OF Arizona )  
 )ss.  
COUNTY OF Maricopa

BE IT REMEMBERED, That on this 13<sup>th</sup> day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Deanna K. Frader  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_\_ day of August, 2004

\_\_\_\_\_  
T. Douglas Mast (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Michael H. Slayton (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Peter G. Barthe (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Waseem Faidi

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Megan Runk

STATE OF \_\_\_\_\_)

)ss.

COUNTY OF \_\_\_\_\_)

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary  
Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who  
executed the foregoing instrument in my presence, and I having first made known to them the  
contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their  
voluntary act and deed for the uses and purposes therein expressed.

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

## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND TRANSDUCERS OR AN  
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for which they have this day 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 they have 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 \_\_\_\_\_ day of August, 2004

\_\_\_\_\_  
Inder Raj S. Makin (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

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

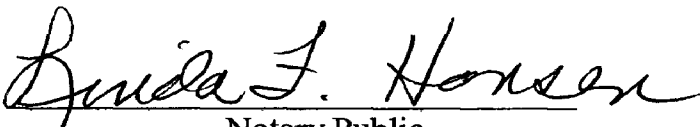
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 16<sup>th</sup> day of August, 2004

  
\_\_\_\_\_  
T. Douglas Mast (L.S.)

STATE OF Ohio )  
 )ss.  
COUNTY OF Hamilton )

BE IT REMEMBERED, That on this 16<sup>th</sup> day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

LINDA F. HANSEN  
NOTARY PUBLIC, STATE OF OHIO  
My Commission Expires 07-11-08

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

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Michael H. Slayton

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Peter G. Barthe

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Waseem Faidi (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Megan Runk (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary  
Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who  
executed the foregoing instrument in my presence, and I having first made known to them the  
contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their  
voluntary act and deed for the uses and purposes therein expressed.

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



## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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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.

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\_\_\_\_ (L.S.)  
Inder Raj S. Makin

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
T. Douglas Mast

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Michael H. Slayton

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Peter G. Barthe

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Waseem Faidi

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 16 day of August, 2004

Megan Runk (L.S.)  
Megan Runk

STATE OF OHIO )

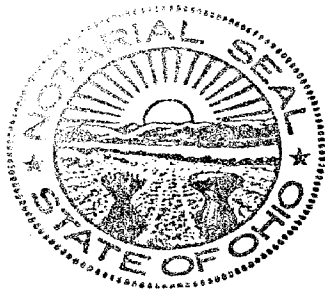
)ss.

COUNTY OF HAMILTON

BE IT REMEMBERED, That on this 16<sup>th</sup> day of August, 2004, before me, a Notary Public, Megan Runk personally appeared, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Daniel B. Runk

Notary Public



DANIEL B. RUNK, Attorney at Law  
NOTARY PUBLIC - STATE OF OHIO  
My commission has no expiration  
date, Section 147.03 O.R.C.

## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND TRANSDUCERS OR AN  
ULTRASOUND TRANSDUCER AND RF ELECTRODE

for which they have this day 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 they have 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 \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Inder Raj S. Makin

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
T. Douglas Mast

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

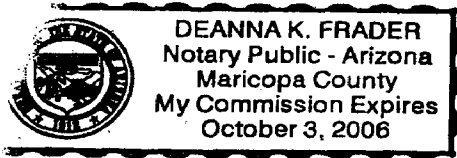
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 16<sup>th</sup> day of August, 2004

Michael H. Slayton (L.S.)  
Michael H. Slayton

STATE OF Arizona )  
COUNTY OF Maricopa )ss.

BE IT REMEMBERED, That on this 16<sup>th</sup> day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Deanna K. Frader  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_\_ day of August, 2004

\_\_\_\_\_  
Peter G. Barthe (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Waseem Faidi

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Megan Runk

STATE OF \_\_\_\_\_)

)ss.

COUNTY OF \_\_\_\_\_)

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary  
Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who  
executed the foregoing instrument in my presence, and I having first made known to them the  
contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their  
voluntary act and deed for the uses and purposes therein expressed.

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

## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND TRANSDUCERS OR AN  
ULTRASOUND TRANSDUCER AND RF ELECTRODE

for which they have this day 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 they have 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 \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Inder Raj S. Makin

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
T. Douglas Mast

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Michael H. Slayton (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_\_  
Peter G. Barthe (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

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

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 12<sup>th</sup> day of August, 2004

Waseem Faidi (L.S.)  
Waseem Faidi

STATE OF New York  
 )ss.  
COUNTY OF Schenectady

BE IT REMEMBERED, That on this 12<sup>th</sup> day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Linda DeBraccio  
Notary Public

LINDA DEBRACCIO  
Notary Public, State of New York  
Residing in Schenectady County  
Reg. No. 01DE6073210  
My Commission Expires 4/15/10

PATENT  
REEL: 015749 FRAME: 0331

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Megan Runk

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

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

## A S S I G N M E N T

Serial No. 10/825,952  
Filed April 16, 2004

WHEREAS, Inder Raj S. Makin, T. Douglas Mast, Michael H. Slayton, Peter G. Barthe, Jeffrey D. Messerly, Waseem Faidi, Megan M. Runk, residing at 11388 Downwiddle Drive Loveland, Ohio 45140, 3907 Lansdowne Avenue Cincinnati, Ohio 45236, 1323 E. Whalers Way Tempe, Arizona 85283-2149, 4818-1 E. Hazel Drive Phoenix, Arizona 85044, 2181 Telegraph Court Cincinnati, Ohio 45244-4116, 702 Solomon Avenue, Clifton Park, New York 12065, 8920 Spooky Ridge Lane Cincinnati, Ohio 45242 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND TRANSDUCERS OR AN  
ULTRASOUND TRANSDUCER AND RF ELECTRODE

for which they have this day 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 they have 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 \_\_\_\_ day of August, 2004

\_\_\_\_ (L.S.)  
Inder Raj S. Makin

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, personally appeared Inder Raj S. Makin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
T. Douglas Mast

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, T. Douglas Mast personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Michael H. Slayton

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Michael H. Slayton personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Peter G. Barthe

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary Public, Peter G. Barthe personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 30 day of August, 2004

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

STATE OF Ohio )  
COUNTY OF Hamilton )ss.

BE IT REMEMBERED, That on this 30 day of August, 2004, before me, a Notary Public, Jeffrey D. Messerly personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

LINDA F. HANSEN  
NOTARY PUBLIC STATE OF OHIO  
My Commission Expires 07-11-08

Linda F. Hansen  
Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_\_ day of August, 2004

\_\_\_\_\_  
Waseem Faidi (L.S.)

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

BE IT REMEMBERED, That on this \_\_\_\_\_ day of August, 2004, before me, a Notary Public, Waseem Faidi personally appeared , who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their 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 August, 2004

\_\_\_\_ (L.S.)  
Megan Runk

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

BE IT REMEMBERED, That on this \_\_\_\_ day of August, 2004, before me, a Notary  
Public, Megan Runk personally appeared , who I am satisfied are the persons named in and who  
executed the foregoing instrument in my presence, and I having first made known to them the  
contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their  
voluntary act and deed for the uses and purposes therein expressed.

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