

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jens-Peter Straehnz</td> <td>06/14/2012</td> </tr> <tr> <td>Volker Harms</td> <td>07/02/2012</td> </tr> <tr> <td>Michael Cardinale</td> <td>06/21/2012</td> </tr> <tr> <td>Doug Souls</td> <td>06/21/2012</td> </tr> <tr> <td>Simon Cohn</td> <td>06/21/2012</td> </tr> <tr> <td>Jonathan B. Gabel</td> <td>06/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jens-Peter Straehnz	06/14/2012	Volker Harms	07/02/2012	Michael Cardinale	06/21/2012	Doug Souls	06/21/2012	Simon Cohn	06/21/2012	Jonathan B. Gabel	06/25/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Ethicon, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 151</td> </tr> <tr> <td>Internal Address:</td> <td>U.S. Route 22</td> </tr> <tr> <td>City:</td> <td>Somerville</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08876</td> </tr> </table>		Name:	Ethicon, Inc.	Street Address:	P.O. Box 151	Internal Address:	U.S. Route 22	City:	Somerville	State/Country:	NEW JERSEY	Postal Code:	08876		
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13470065</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13470065										
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Application Number:	13470065														
CORRESPONDENCE DATA															
Fax Number:	(908)325-1155														
Phone:	908-689-8700														
Email:	mdoherty@dohertyiplaw.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Doherty & Charney LLC														
Address Line 1:	37 Belvidere Avenue														
Address Line 4:	Washington, NEW JERSEY 07882														
ATTORNEY DOCKET NUMBER:	ETH5639USNP														

OP \$40.00 13470065

NAME OF SUBMITTER:

Michael J. Doherty

**Total Attachments: 20**

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ASSIGNMENT

U.S. Patent Application Serial No.: 13/470,065

Filed: May 11, 2012

WHEREAS, Jens-Peter Straehnz, a citizen of Germany, residing at Osnungstrasse 42, 33605 Bielefeld, Germany,

Volker Harms, a citizen of Germany, residing at Gradenerstrasse 15, 20257 Hamburg, Germany,

Michael Cardinale, a citizen of the United States of America, residing at 140 Madison Avenue, Morristown, New Jersey 07960,

Doug Souls, a citizen of the United States of America, residing at 15 Park Terrace, Andover, New Jersey 07821

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833, and

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

APPLICATOR INSTRUMENTS HAVING DISTAL END CAPS FOR FACILITATING  
THE ACCURATE PLACEMENT OF SURGICAL FASTENERS DURING OPEN  
REPAIR PROCEDURES

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (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 him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does 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 their Assignment and sale had not been made;

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

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

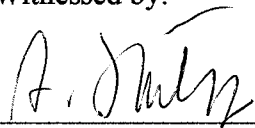
And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 14 day of JUNE, 2012.



By: Jens-Peter Straehn  
Title: Assignor

Witnessed by:



Name: ANDREA STRAEHN

Date: 14th of JUNE 2012

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

By: Volker Harms  
Title: Assignor

Witnessed by:

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

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

By: Michael Cardinale  
Title: Assignor

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

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

Notary Public

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

\_\_\_\_\_  
By: Doug Souls  
Title: Assignor

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

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

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

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

\_\_\_\_\_  
By: Simon Cohn  
Title: Assignor

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

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

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

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

By: Jonathan B. Gabel  
Title: Assignor

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

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Jonathan B. Gabel, 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

U.S. Patent Application Serial No.: 13/470,065

Filed: May 11, 2012

WHEREAS, Jens-Peter Straehnz, a citizen of Germany, residing at Osningstrasse 42, 33605 Bielefeld, Germany,

Volker Harms, a citizen of Germany, residing at Gradenerstrasse 15, 20257 Hamburg, Germany,

Michael Cardinale, a citizen of the United States of America, residing at 140 Madison Avenue, Morristown, New Jersey 07960,

Doug Souls, a citizen of the United States of America, residing at 15 Park Terrace, Andover, New Jersey 07821

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833, and

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

APPLICATOR INSTRUMENTS HAVING DISTAL END CAPS FOR FACILITATING  
THE ACCURATE PLACEMENT OF SURGICAL FASTENERS DURING OPEN  
REPAIR PROCEDURES

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WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (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 him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does 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 their 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;

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

\_\_\_\_\_  
By: Jens-Peter Straehn  
Title: Assignor

Witnessed by:

\_\_\_\_\_  
Name:

Date:

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 2<sup>nd</sup> day  
of July, 2012.

V. Harms  
By: Volker Harms  
Title: Assignor

Witnessed by:

B. Lengert  
Name: BARBARA LENGERT  
Date: July 2, 2012

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

\_\_\_\_\_  
By: Michael Cardinale  
Title: Assignor

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

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

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

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

\_\_\_\_\_  
By: Doug Souls  
Title: Assignor

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

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a  
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\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this \_\_\_\_ day  
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\_\_\_\_\_  
By: Simon Cohn  
Title: Assignor

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

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

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

\_\_\_\_\_  
By: Jonathan B. Gabel  
Title: Assignor

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

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a  
Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in  
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Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 13/470,065

Filed: May 11, 2012

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

\_\_\_\_\_  
By: Jens-Peter Straehnz  
Title: Assignor

Witnessed by:

\_\_\_\_\_  
Name:

Date:

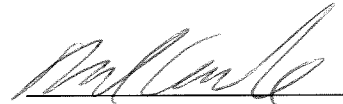
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this \_\_\_\_ day  
of \_\_\_\_\_, \_\_\_\_\_.

By: Volker Harms  
Title: Assignor

Witnessed by:


\_\_\_\_\_  
Name:  
Date:

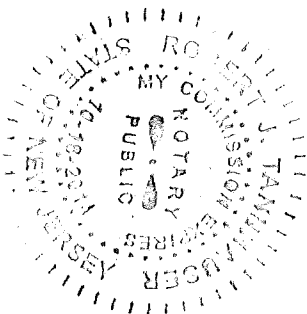
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 21 day  
of June, 2012.

  
By: Michael Cardinale  
Title: Assignor

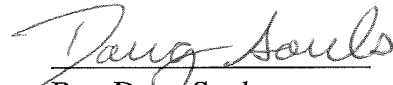
STATE OF NEW JERSEY  
COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 21 day of JUNE, 2012, before me, a  
Notary Public, personally appeared Michael Cardinale, 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  
ROBERT J. TANNHAUSER  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 10/18/2014



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 21 day of JUNE, 2012.



By: Doug Souls

Title: Assignor

STATE OF New Jersey  
COUNTY OF Somerset } ss.

BE IT REMEMBERED, That on this 21 day of JUNE, 2012, before me, a Notary Public, personally appeared Doug Souls, 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.





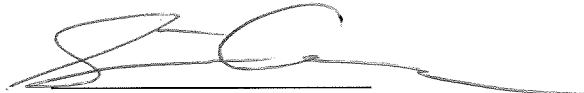
Notary Public

ROBERT J. TANNHAUSER

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 10/18/2014

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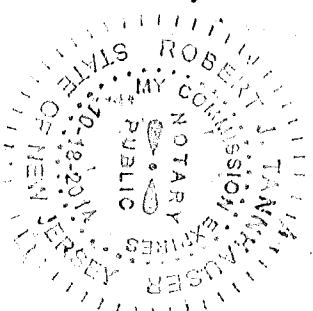


By: Simon Cohn

Title: Assignor

STATE OF New Jersey  
COUNTY OF Somerset } ss.

BE IT REMEMBERED, That on this 21 day of JUNE, 2012, before me, a Notary Public, personally appeared Simon Cohn, 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

ROBERT J. TANNHAUSER

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 10/18/2014



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

\_\_\_\_\_  
By: Jonathan B. Gabel  
Title: Assignor

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

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a  
Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in  
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\_\_\_\_\_  
Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 13/470,065

Filed: May 11, 2012

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By: Jens-Peter Strachnz  
Title: Assignor

Witnessed by:

\_\_\_\_\_  
Name:

Date:

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

By: Volker Harms  
Title: Assignor

Witnessed by:

Name:

Date:

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

By: Michael Cardinale  
Title: Assignor

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

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

Notary Public

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

By: Doug Souls  
Title: Assignor

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

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

Notary Public

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

By: Simon Cohn  
Title: Assignor

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

BE IT REMEMBERED, That on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared Simon Cohn, 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, scaled, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.


Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 25 day  
of June, 2012

  
By: Jonathan B. Gabel  
Title: Assignor

STATE OF New Jersey )  
COUNTY OF Essex ) ss.

BE IT REMEMBERED, That on this 25 day of June, 2012, before me, a  
Notary Public, personally appeared Jonathan B. Gabel, 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

