

## 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>Clifford Dey</td> <td>11/23/2010</td> </tr> <tr> <td>Ashley P. DeAnglis</td> <td>11/29/2010</td> </tr> <tr> <td>Gerard Llanos</td> <td>11/29/2010</td> </tr> <tr> <td>Dwayne Looney</td> <td>11/23/2010</td> </tr> <tr> <td>Robert W. Van Holten</td> <td>11/23/2010</td> </tr> <tr> <td>Avner Brandes</td> <td>11/30/2010</td> </tr> <tr> <td>Markus Bohn</td> <td>11/25/2010</td> </tr> <tr> <td>Hans-Steffen Schacht</td> <td>11/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Clifford Dey	11/23/2010	Ashley P. DeAnglis	11/29/2010	Gerard Llanos	11/29/2010	Dwayne Looney	11/23/2010	Robert W. Van Holten	11/23/2010	Avner Brandes	11/30/2010	Markus Bohn	11/25/2010	Hans-Steffen Schacht	11/25/2010
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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>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:	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>13775761</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13775761														
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CORRESPONDENCE DATA																			
<p>Fax Number: 7325242808  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732-524-3967        Email: jnjuspatent@corus.jnj.com        Correspondent Name: Philip S. Johnson        Address Line 1: One Johnson &amp; Johnson Plaza        Address Line 4: New Brunswick, NEW JERSEY 08933</p>																			
ATTORNEY DOCKET NUMBER:	ETH5388USDIV1																		

PATENT

NAME OF SUBMITTER:	Julie Chan-Moroney
Signature:	/Julie Chan-Moroney/
Date:	05/24/2013
<p>Total Attachments: 19</p> <p>source=USPCTAssignment#page1.tif source=USPCTAssignment#page2.tif source=USPCTAssignment#page3.tif source=USPCTAssignment#page4.tif source=USPCTAssignment#page5.tif source=USPCTAssignment#page6.tif source=USPCTAssignment#page7.tif source=USPCTAssignment#page8.tif source=USPCTAssignment#page9.tif source=USPCTAssignment#page10.tif source=USPCTAssignment#page11.tif source=USPCTAssignment#page12.tif source=USPCTAssignment#page13.tif source=USPCTAssignment#page14.tif source=USPCTAssignment#page15.tif source=USPCTAssignment#page16.tif source=USPCTAssignment#page17.tif source=USPCTAssignment#page18.tif source=USPCTAssignment#page19.tif</p>	

A S S I G N M E N T

WHEREAS, Clifford Dey, Markus Bohn, Hans-Steffen Schacht, Ashley P. Deanglis, Robert W. Van Holten, Dwayne Looney, Gerard Llanos and Avner Brandes residing at 3845 Lehnenberg Road, Riegelsville, PA 18077, Balinger Strasse 39B, 70567 Stuttgart, Germany, Im Sonnenwinkel 3, 71577, Grosserlach, Germany, 55 Fairview Road, Skillman, NJ 08558, 10 Hillcrest Drive, Flemington, NJ 08822, 31 North Main Street, Flemington, NJ 08822, 1514 Megan Circle, Stewartsville, NJ 08886 and 122 West 74<sup>th</sup> Street, Apt. 1B, New York, NY 10023, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

PROCESS AND APPARATUS FOR COATING A POROUS SUBSTRATE WITH A  
COATING LIQUID

for which they have on the 17th day of November, 2010 executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

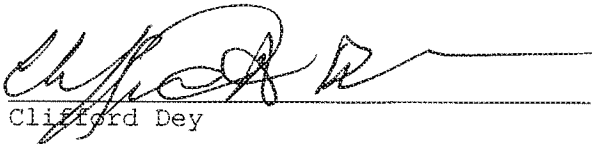
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

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

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

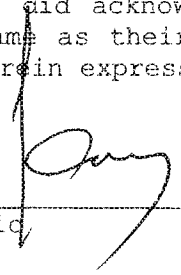
And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal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

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 23 day of Nov., 2010

  
\_\_\_\_\_  
Clifford Dey (L.S.)

STATE OF )  
 ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this 23 day of November 2010, before me, a Notary Public, personally appeared Clifford Dey, 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 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

LEO B. KRISUNOV  
Notary Public, State of New Jersey  
My Commission Expires  
August 04, 2011

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this 29th day of November, 2010

Ashley P. Deanglis (L.S.)  
Ashley P. Deanglis

STATE OF )  
 ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this 29th day of November  
2010, before me, a Notary Public, personally appeared Ashley P.  
Deanglis, 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 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.

[Signature]  
Notary Public

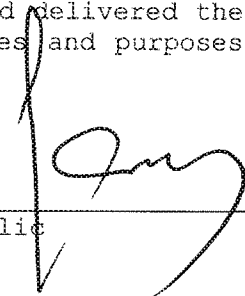
LEO B. KRISUNOV  
Notary Public, State of New Jersey  
My Commission Expires  
August 04, 2011

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this 29th day of November, 2010

  
\_\_\_\_\_  
Gerard Llanos (L.S.)

STATE OF            )  
                                  ) ss.  
COUNTY OF        )

BE IT REMEMBERED, That on this 29th day of November  
2010, before me, a Notary Public, personally appeared Gerard  
Llanos, 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 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

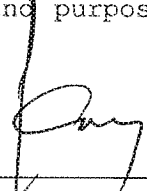
LEO B. KRKSUNOV  
Notary Public, State of New Jersey  
My Commission Expires  
August 04, 2011

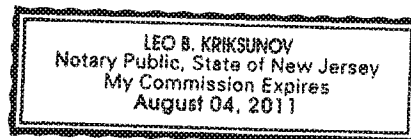
IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this 23 day of November, 2010

  
\_\_\_\_\_  
Dwayne Looney (L.S.)

STATE OF            )  
                          ) ss.  
COUNTY OF        )

BE IT REMEMBERED, That on this 23 day of November  
2010, before me, a Notary Public, personally appeared Dwayne  
Looney, 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 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



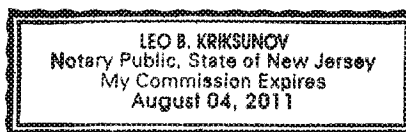
IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this 23rd day of November, 2010

Robert W Van Holten (L.S.)  
Robert W. Van Holten

STATE OF )  
 ) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this 23rd day of November  
2010, before me, a Notary Public, personally appeared Robert W.  
Van Holten, 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 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.

[Signature]  
Notary Public





Avner Brandes (L.S.)

BE IT REMEMBERED, That on this 30th day of November 2010, before me, a Notary Public, personally appeared Avner Brandes, 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 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.

LEO B. KRIKSUNOV  
Notary Public, State of New Jersey  
My Commission Expires  
August 04, 2011

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this       day of       , 2010

\_\_\_\_\_  
Markus Bohn (L.S.)

Statement of Witness

Signed

\_\_\_\_\_  
(City) (Country)

This \_\_\_\_ day of \_\_\_\_\_, 2010

I, \_\_\_\_\_ whose full residence address

Is \_\_\_\_\_

Was personally present and did see Markus Bohn execute the above  
assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 2010, and such  
assignor is personally known to me or to be the person described  
in such document.

\_\_\_\_\_  
Signature of Witness

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this            day of            , 2010

\_\_\_\_\_  
Hans-Steffen Schacht (L.S.)

Statement of Witness

Signed

\_\_\_\_\_  
(City) (Country)

This \_\_\_\_ day of \_\_\_\_\_, 2010

I, \_\_\_\_\_ whose full residence address

Is \_\_\_\_\_

Was personally present and did see Hans-Steffen Schacht execute  
the above assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 2010, and  
such assignor is personally known to me or to be the person  
described in such document.

\_\_\_\_\_  
Signature of Witness

A S S I G N M E N T

WHEREAS, Clifford Dey, Markus Bohn, Hans-Steffen Schacht, Ashley P. Deanglis, Robert W. Van Holten, Dwayne Looney, Gerard Llanos and Avner Brandes residing at 3845 Lehnenberg Road, Riegelsville, PA 18077, Balinger Strasse 39B, 70567 Stuttgart, Germany, Im Sonnenwinkel 3, 71577, Grosserlach, Germany, 55 Fairview Road, Skillman, NJ 08558, 10 Hillcrest Drive, Flemington, NJ 08822, 31 North Main Street, Flemington, NJ 08822, 1514 Megan Circle, Stewartsville, NJ 08886 and 122 West 74<sup>th</sup> Street, Apt. 1B, New York, NY 10023, 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, 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;

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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                      day of                      , 2010


Clifford Dey (L.S.)

STATE OF                 )  
COUNTY OF              ) ss.

BE IT REMEMBERED, That on this                    day of                    ,  
2010, before me, a Notary Public, personally appeared Clifford  
Dey, 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 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 25 day of November, 2010

  
\_\_\_\_\_  
Markus Bohn (L.S.)

Statement of Witness

Signed

\_\_\_\_\_  
(City)

\_\_\_\_\_  
(Country)

This \_\_\_\_ day of \_\_\_\_\_, 2010

I, \_\_\_\_\_ whose full residence address

Is \_\_\_\_\_

Was personally present and did see Markus Bohn execute the above  
assignment on the \_\_\_\_ day of \_\_\_\_\_, 2010, and such  
assignor is personally known to me or to be the person described  
in such document.

\_\_\_\_\_  
Signature of Witness

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this 25 day of November, 2010

Hans Steffen Schacht (L.S.)  
Hans-Steffen Schacht

Statement of Witness

Signed

\_\_\_\_\_  
(City)

\_\_\_\_\_  
(Country)

This \_\_\_\_ day of \_\_\_\_\_, 2010

I, \_\_\_\_\_ whose full residence address

Is \_\_\_\_\_

Was personally present and did see Hans-Steffen Schacht execute  
the above assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 2010, and  
such assignor is personally known to me or to be the person  
described in such document.

\_\_\_\_\_  
Signature of Witness



Urkundenrolle II UR 540 / 2010

Notariat Weissach im Tal II\* Tel. 07191/5005-36\*Fax 07191/5005-37

II UZ 614 / 2010

## Notarielle Beglaubigung

Vorstehende, vor mir vollzogene Unterschriften von

1. Herrn Christoph Markus Friedrich Bohn,  
geboren am 18.06.1963,  
wohnhaft in 70567 Stuttgart, Ortsteil Möhringen, Balinger Straße 39 B,  
- ausgewiesen durch Personalausweis -

2. Herrn Hans-Steffen Schacht,  
geboren am 20.12.1960,  
wohnhaft in 71577 Großerlach, Im Sonnenwinkel 3,  
- ausgewiesen durch Personalausweis -

beglaubige ich hiermit öffentlich.

Auenwald, den 25.11.2010

Notarvertreterin

(Leuze)

als Vertreterin der Notarin Angelika Bischof

§§ KostO	Gegenstand	Geschäftswert	Betrag
§§ 45 I, 141, 32 KostO §136 I, II, IV KostO	Unterschriftsbeglaubigung Dokum.Pauschale (1 Seiten) Umsatzsteuer 19,00% aus	10.000,00 €	13,50 €
Summe:		14,00 €	0,50 €
Rechnungs-Nr.:	104740		2,66 €
			16,66 €



Ashley P. Deanglis (L.S.)

BE IT REMEMBERED, That on this                    day of                    ,  
2010, before me, a Notary Public, personally appeared Ashley P.  
Deanglis, 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 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.

**PATENT**  
**REEL: 030480 FRAME: 0652**

IN TESTIMONY WHEREOF, Assignors have hereunto set  
their hands and seals this            day of            , 2010

Robert W. Van Holten (L.S.)

STATE OF )  
COUNTY OF ) ss.

BE IT REMEMBERED, That on this                      day of                      , 2010, before me, a Notary Public, personally appeared Robert W. Van Holten, 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 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

\_\_\_\_\_  
Dwayne Looney (L.S.)

Notary Public

Gerard Llanos (L.S.)

Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set  
 their hands and seals this                      day of                      , 2010

Avner Brandes (L.S.)

STATE OF )  
COUNTY OF ) ss.

BE IT REMEMBERED, That on this                      day of                      ,  
2010, before me, a Notary Public, personally appeared Avner  
Brandes, 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 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