

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2894067

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID C. LINDH SR.	09/28/2009
JASON T. PERKINS	09/28/2009
KRASIMIRA HRISTOV	09/29/2009
JESSE G. NAWROCKI	09/28/2009
ROBERT J. TANNHAUSER	09/29/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ETHICON, INC.
<b>Street Address:</b>	P.O. BOX 151
<b>Internal Address:</b>	U.S. ROUTE 22
<b>City:</b>	SOMERVILLE
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08876
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14286054
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)325-1155
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	908-689-8700
<b>Email:</b>	mdoherty@dohertyiplaw.com
<b>Correspondent Name:</b>	DOHERTY IP LAW GROUP LLC
<b>Address Line 1:</b>	37 BELVIDERE AVENUE
<b>Address Line 4:</b>	WASHINGTON, NEW JERSEY 07882
<b>ATTORNEY DOCKET NUMBER:</b>	ETH5439USCNT2
<b>NAME OF SUBMITTER:</b>	MICHAEL J. DOHERTY
<b>SIGNATURE:</b>	/michael j. doherty/
<b>DATE SIGNED:</b>	06/11/2014
<b>Total Attachments: 4</b>	
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PATENT

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ASSIGNMENT

U.S. Patent Application Serial No.: 12/548,984

Filed: August 27, 2009

WHEREAS,

David C. Lindh, Sr., a citizen of the United States of America, residing at 138 Allens Corner Road, Flemington, New Jersey 08822;

Jason T. Perkins, a citizen of the United States of America, residing at 4935 Long Drive, Bethlehem, Pennsylvania 18020;

Krasimira Hristov, a citizen of South Africa, residing at 903 Primrose Court, Belle Mead, New Jersey 08502;

Jesse G. Nawrocki, a citizen of the United States of America, residing at 8 Grace Drive, Annandale, New Jersey 08801; and

Robert J. Tannhauser, a citizen of the United States of America, residing at 265 Holland Court, Bridgewater, New Jersey 08807; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

AUTOMATED SYSTEMS AND METHODS FOR MAKING  
BRAIDED BARBED SUTURES

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  
28 day of Sept., 2009.

David C. Lindh, Sr.  
 By: David C. Lindh, Sr.  
 Title: Assignor

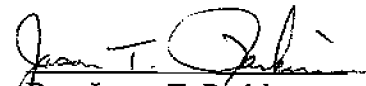
STATE OF NEW JERSEY  
 COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 28<sup>th</sup> day of SEPTEMBER, 2009, before me, a Notary Public, personally appeared David C. Lindh, Sr., 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.

**ROBERT J. TANNHAUSER**  
 Notary Public Of New Jersey  
 My Commission Expires 10/18/2009

Robert J. Tannhauser  
 Notary Public

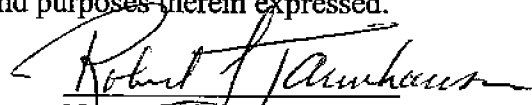
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
23<sup>TH</sup> day of SEPTEMBER, 2009.

  
 By: Jason T. Perkins  
 Title: Assignor


STATE OF NEW JERSEY  
 COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 28<sup>th</sup> day of SEPTEMBER, 2009  
 before me, a Notary Public, personally appeared Jason T. Perkins, 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.

 **ROBERT J. TANNHAUSER**  
 Notary Public Of New Jersey  
 My Commission Expires 10/18/2009


  
 Notary Public


IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
29 day of September, 2009

  
 By: Krasimira Hristov  
 Title: Assignor

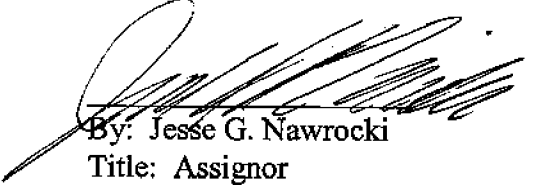
STATE OF NEW JERSEY  
 COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 29<sup>th</sup> day of SEPTEMBER, 2009  
 before me, a Notary Public, personally appeared Krasimira Hristov, 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.

 **ROBERT J. TANNHAUSER**  
 Notary Public Of New Jersey  
 My Commission Expires 10/18/2009


  
 Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
28 day of September, 2009.

  
 By: Jesse G. Nawrocki  
 Title: Assignor

STATE OF NEW JERSEY  
 COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 28<sup>th</sup> day of SEPTEMBER, 2009, before me, a Notary Public, personally appeared Jesse G. Nawrocki, 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.

 **ROBERT J. TANNHAUSER**  
 Notary Public Of New Jersey  
 My Commission Expires 10/18/2009

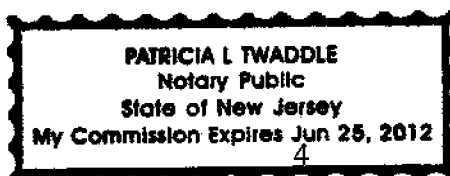
  
 Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
29<sup>th</sup> day of SEPTEMBER, 2009.

  
 By: Robert J. Tannhauser  
 Title: Assignor

STATE OF New Jersey  
 COUNTY OF Somerset } ss.

BE IT REMEMBERED, That on this 29<sup>th</sup> day of September, 2009, before me, a Notary Public, personally appeared Robert J. Tannhauser, 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