

## PATENT ASSIGNMENT

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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>Jie Jenny Yuan</td><td>08/01/2007</td></tr><tr><td>John S. Crombie</td><td>08/02/2007</td></tr></tbody></table>	Name	Execution Date	Jie Jenny Yuan	08/01/2007	John S. Crombie	08/02/2007	
Name	Execution Date						
Jie Jenny Yuan	08/01/2007						
John S. Crombie	08/02/2007						
RECEIVING PARTY DATA							
Name:	Ethicon, Inc.						
Street Address:	U.S. Route #22						
City:	Somerville						
State/Country:	NEW JERSEY						
Postal Code:	08876-0151						
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>11834033</td></tr></tbody></table>	Property Type	Number	Application Number:	11834033			
Property Type	Number						
Application Number:	11834033						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Sheila Cole						
Total Attachments: 3 source=ETH5352Assignment#page1.tif source=ETH5352Assignment#page2.tif source=ETH5352Assignment#page3.tif							

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PATENT

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REEL: 019648 FRAME: 0166

A S S I G N M E N T

Serial No.

Filed

WHEREAS, Jie Jenny Yuan and John S. Crombie, residing at 8 Christie Way, Branchburg, NJ 08853 and 29 Walnut Terrace, East Hanover, NJ 07936, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

**BARBED SUTURE WITH NON-SYMMETRIC BARBS**

for which they have 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:

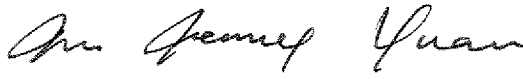
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest 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;

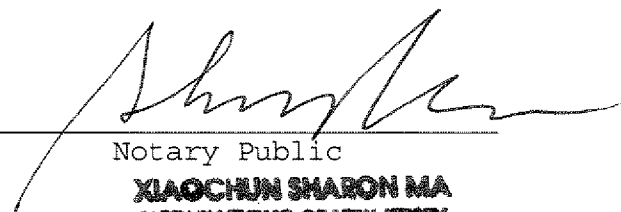
And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal 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, Assignor has hereunto set her hand and seal this *1st* day of *August*, 2007

  
\_\_\_\_\_  
Jie Jenny Yuan (L.S.)

STATE OF *New Jersey* )  
 ) ss.  
COUNTY OF *Somerset* )

*August* BE IT REMEMBERED, That on this *1st* day of *August*, 2007, before me, a Notary Public, personally appeared Jie Jenny Yuan, 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 her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

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

**XIAOCHUN SHARON MA**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 12/28/2007**

John S. Crombie (L.S.)

BE IT REMEMBERED, That on this 2nd day of August, 2007, before me, a Notary Public, personally appeared John S. Crombie, 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.

**XIAOCHUN SHARON MA**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 12/26/2017**