

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>Gregory Dumanian</td> <td>12/08/2012</td> </tr> <tr> <td>Anandev Gurjala</td> <td>12/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory Dumanian	12/08/2012	Anandev Gurjala	12/11/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Northwestern University</td> </tr> <tr> <td>Street Address:</td> <td>633 Clark Street</td> </tr> <tr> <td>City:</td> <td>Evanston</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60208</td> </tr> </table>		Name:	Northwestern University	Street Address:	633 Clark Street	City:	Evanston	State/Country:	ILLINOIS	Postal Code:	60208
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: rvascik@marshallip.com Correspondent Name: Michael P. Furmanek Address Line 1: 233 S. Wacker Drive Address Line 2: Suite 6300 Address Line 4: Chicago, ILLINOIS 60606</p>											
ATTORNEY DOCKET NUMBER:	32101/47130										
NAME OF SUBMITTER:	Renee A. Vascik										
<p>Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif</p>											

OP \$40.00 13713665

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois

ASSIGNMENT

Serial No: 13/713,665
Filed: December 13, 2012
Title: IMPROVED SUTURE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NORTHWESTERN UNIVERSITY, 633 Clark Street, Evanston, Illinois 60208 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this

8th day of December, 2012

State of Illinois
County of Cook

[Signature]
Gregory Dumanian

On this 8th day of December, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

7/26/16 [Signature]
Notary Public



WITNESS our hands this 11th day of December, 2012

State of Illinois
County of Cook

Anandev Gurjala
Anandev Gurjala

On this 11th day of December, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 9-23-15 Albertina Peck
Notary Public



32101/47130