

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>Michele S Marcolongo</td><td>10/31/2006</td></tr><tr><td>Anthony M Lowman</td><td>10/31/2006</td></tr></tbody></table>	Name	Execution Date	Michele S Marcolongo	10/31/2006	Anthony M Lowman	10/31/2006					
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Anthony M Lowman	10/31/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Drexel University</td></tr><tr><td>Street Address:</td><td>3141 Chestnut Street</td></tr><tr><td>City:</td><td>Philadelphia</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>19104</td></tr></table>	Name:	Drexel University	Street Address:	3141 Chestnut Street	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104	
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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>10111782</td></tr></tbody></table>	Property Type	Number	Application Number:	10111782							
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Application Number:	10111782										
CORRESPONDENCE DATA											
Fax Number: (212)755-7306 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 212-326-7876											
Email: awchen@jonesday.com											
Correspondent Name: Ann W Chen											
Address Line 1: Jones Day - 222 East 41st Street											
Address Line 4: New York, NEW YORK 10017											
ATTORNEY DOCKET NUMBER:	8932-1282-999										
NAME OF SUBMITTER:	Brian M Rothery										
Total Attachments: 2 source=8932-1282_assignment (Marcolongo and Lowman to Drexel)#page1.tif source=8932-1282_assignment (Marcolongo and Lowman to Drexel)#page2.tif											

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PATENT
REEL: 018661 FRAME: 0303

ASSIGNMENT

WHEREAS, We, Michele S. Marcolongo, citizen of the United States, residing at 451 Sean Lane, Aston, PA 19014 and Anthony M. Lowman, citizen of the United States, residing 12 Waterford Way, Wallingford, PA 19086, ASSIGNORS, are the inventors of the invention(s) described, disclosed and/or claimed in **ASSOCIATING HYDROGELS FOR NUCLEUS PULPOSUS REPLACEMENT IN INTERVERTEBRAL DISCS** (hereinafter "the invention") and for which we have executed an application for a Patent of the United States having application Serial No. 10/111,782, filed on December 23, 2002, and which is identified by Jones Day Docket No. 8932-1282-999, and which was filed under § 371 of international patent application No. PCT/US00/29874, filed October 27, 2000, which claims the benefit of U.S. provisional patent application No. 60/162,338, filed October 29, 1999, and which is identified as Jones Day Docket No. 8932-1282-888;

AND WHEREAS, DREXEL UNIVERSITY, having a place of business at 3141 Chestnut Street, Philadelphia, Pennsylvania, 19104, is desirous of obtaining our entire right, title and interest in, to and under all the inventions disclosed, described and/or claimed in the above-identified application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under all the said inventions, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for all the said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hand(s) and seal(s) the day and year set opposite our respective signatures.

Date

10/31/08

Michele S. Marcolongo

L.S.

Commonwealth of Pennsylvania)

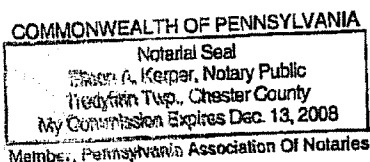
) SS:

County of Philadelphia)

On October 31, 2008 before me, Eileen Kerper, Notary Public, personally appeared Michele S. Marcolongo, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Eileen A. Kerper



Date 10/31/06

Anthony M. Lowman L.S.
Anthony M. Lowman

Commonwealth of Pennsylvania)
County of Philadelphia) SS:

On October 31, 2006 before me, Eileen Kerper Notary Public, personally appeared Anthony M. Lowman, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Eileen A. Kerper

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Eileen A. Kerper, Notary Public
Tredyffrin Twp., Chester County
My Commission Expires Dec. 13, 2008
Member, Pennsylvania Association Of Notaries