PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eric J. Barth	01/31/2011
Alexander V. Pedchenko	01/31/2011

RECEIVING PARTY DATA

Name:	Vanderbilt University	
Street Address:	1207 17th Avenue South	
Internal Address:	Suite 105	
City:	Nashville	
State/Country:	TENNESSEE	
Postal Code:	37212	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13017118	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	050478.28
NAME OF SUBMITTER:	Douglas W. Schelling

Total Attachments: 4

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> PATENT REEL: 025837 FRAME: 0138

ASSIGNMENT

WHEREAS, Eric J. Barth, whose mailing address is 4601 Park Avenue, Nashville, Tennessee 37209; and Alexander V. Pedchenko, whose mailing address is 513 Cedar Brook Lane, Nolensville, Tennessee 37135 (hereinafter "Assignors"), are joint inventors of an invention entitled "Elastic Hydraulic Accumulator/Reservoir System" (hereinafter "Invention"); and

WHEREAS, Vanderbilt University (hereinafter "Assignee"), whose mailing address is 1207 17th Avenue South, Suite 105, Nashville, TN 37212, is desirous of acquiring the entire right, title and interest in and to the aforesaid Invention throughout the world, and all right, title and interest in, to and under any and all applications for and Letters Patent of the United States and all other countries throughout the world.

NOW, THEREFORE, for and in consideration of the payment of one dollar (\$1.00) to Assignors in hand paid by Assignee, and for other good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works in the Vanderbilt University 1993-1994 Faculty Manual, the sufficiency and adequacy of which are hereby acknowledged, Assignors hereby sell, assign, transfer and set over to Assignee their entire right, title and interest in and to the Invention, and in any and all patent applications in the United States and foreign countries, and any and all non-provisionals, divisions, continuations, or continuations-in-part that may be filed with respect to the Invention or improvements thereto, and any and all patents, reissue patents, certificates of inventorship, utility models, design registrations, and the like, of the Invention, or improvements thereto, that may be granted in the United States, or in any foreign country, and all rights to claim priority therefrom and/or thereto, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made.

Assignors hereby authorize Assignee the right to add the following information regarding a United States patent application to be filed so that this Assignment may be recorded in the United States Patent and Trademark Office.

Elastic Hydraulic Accumulator/Reservoir System (Title of Application)

13/017,118 (Serial Number) January 31, 2011 (Filing Date)

Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on the Invention or resulting from such application(s) and from any and all non-provisionals, divisions, continuations, continuations-in-part, or reissues thereof, to Assignee as assignee of Assignors entire interest, and hereby represent and warrant that Assignors have the full right to convey the entire interest herein assigned, and that Assignors have not transferred, licensed, assigned, or executed any agreement for any interest in the Invention to anyone other than Assignee, and that Assignors have not transferred, licensed, assigned, or executed any agreement for any right granted to Assignee hereunder, or for any interest in the Invention in conflict with this Assignment.

Assignors hereby covenant and agree that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said Invention and to such Letters Patent as may be granted therefore, to Assignee, its successors, assigns, or other legal representatives and that if Assignee, its successors, assigns or other legal representatives shall desire to file any non-provisional, divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, Assignors will, upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such non-provisional, divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said Assignee, its successors, or other legal representatives.

Assignors do further covenant and agree that Assignors will, at any time upon request, communicate to Assignee, its successors, assigns or other legal representatives, such facts relating to the Invention and Letters Patent or the file history thereof as may be known to Assignors, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said Assignee, its successors, or other legal representatives.

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EXECUTED THIS	31St day of	January	2011

Eric J. Barth

STATE OF Tennessee

COUNTY OF Davidson

BEFORE ME, the undersigned authority, on this day personally appeared Eric J. Barth, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 315+ day of January 2011.

NOTARY PUBLIC

My Commission Expires: July 5, 2011

(Seal)

EXECUTED THIS 315+ day of January, 2011.

Alexander V. Pedchenko

STATE OF Tennessee

COUNTY OF Davidson

BEFORE ME, the undersigned authority, on this day personally appeared Alexander V. Pedchenko, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 315 day of 39nuary 2011.

NOTARY PUBLIC

My Commission Expires: July 5,201)

(Seal)