

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Laura J. Niedernhofer	08/22/2011
Paul D. Robbins	08/22/2011
Peter Wipf	09/14/2011
<b>RECEIVING PARTY DATA</b>	
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Postal Code:	15260
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12930702
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ATTORNEY DOCKET NUMBER:	072396.0433
NAME OF SUBMITTER:	Lisa B. Kole
Total Attachments: 3 source=asg433#page1.tif source=asg433#page2.tif source=asg433#page3.tif	

**CH \$40.00 12930702**

ASSIGNMENT

WHEREAS, I/WE, **LAURA J. NIEDERNHOFER**, a citizen of the United States, having a post office address at 401 Amberson Avenue, Apt. 247, Pittsburgh, PA 15232; and **PAUL D. ROBBINS**, a citizen of the United States, having a post office address at 111 Maple Terrace, Pittsburgh, PA 15211; and **PETER WIPF**, a citizen of the United States, having a post office address at 135 Techview Terrace, Pittsburgh, PA 15213, (hereinafter "**ASSIGNORS**"), have made an invention entitled "**COMPOUNDS FOR THE TREATMENT OF PATHOLOGIES ASSOCIATED WITH AGING AND DEGENERATIVE DISORDERS**" as set forth and described in application for Letters Patent of the United States, Application Serial No. 12/930,702, filed **January 14, 2011**; and

WHEREAS, **UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** (hereinafter "**ASSIGNEE**"), having its principal place of business at **200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, PA** is desirous of acquiring the whole right, title and interest of **ASSIGNORS** in and to said Letters Patent and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said **ASSIGNORS**, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said **ASSIGNEE**, and other valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled "**COMPOUNDS FOR THE TREATMENT OF PATHOLOGIES ASSOCIATED WITH AGING AND DEGENERATIVE DISORDERS**" and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

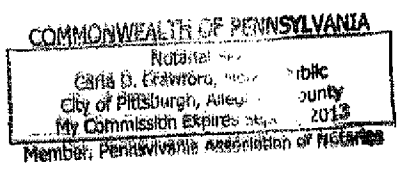
AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or

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right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Date: August 22 2011  
Witness: [Signature] [signature]  
MARIONA PENN [printed name]  
\_\_\_\_\_ [address]

[Signature]  
LAURA J. NIEDERNHOFER

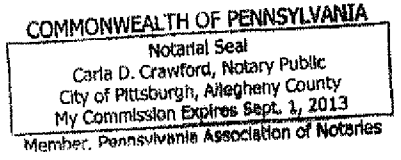


[Signature]  
Notary Public

Date: August 22 2011  
Witness: [Signature] [signature]  
MARIONA PENN [printed name]  
\_\_\_\_\_ [address]

[Signature]  
PAUL D. ROBBINS

[Signature]  
Notary Public



NY02-706701.1

Date: 9/14/11 2011

Witness: Martina Perna [signature]

MARTINA PERNA [printed name]

\_\_\_\_\_ [address]

\_\_\_\_\_

[Signature]  
PETER WIPF

[Signature]

Notary Public

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Carla D. Crawford, Notary Public  
City of Pittsburgh, Allegheny County  
My Commission Expires Sept. 1, 2013  
Member, Pennsylvania Association of Notaries