

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4357716

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHERIN SALAHELDIN ABDEL-MEGUID	10/02/2015
NABIL ELSHOUBAGY	10/02/2015
HAROLD MEYERS	09/28/2015
SHAKER A. MOUSA	09/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHIFA BIOMEDICAL CORPORATION
<b>Street Address:</b>	ONE GREAT VALLEY PARKWAY
<b>Internal Address:</b>	SUITE 8
<b>City:</b>	MALVERN
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19355
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14767133
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)563-4044
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	215-563-4100
<b>Email:</b>	docketclerk@ddhs.com
<b>Correspondent Name:</b>	DANN, DORFMAN, HERRELL & SKILLMAN
<b>Address Line 1:</b>	1601 MARKET STREET
<b>Address Line 2:</b>	SUITE 2400
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103-2307
<b>ATTORNEY DOCKET NUMBER:</b>	5122-P05727US01
<b>NAME OF SUBMITTER:</b>	PATRICK J. HAGAN
<b>SIGNATURE:</b>	/Patrick J. Hagan/
<b>DATE SIGNED:</b>	04/07/2017
<b>Total Attachments: 5</b>	

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## ASSIGNMENT OF INVENTION

**WHEREAS, Sherin Salaheldin Abdel-Meguid, Nabil Elshourbagy, Harold Meyers and Shaker A. Mousa**, who are named inventors and hereinafter referred to as ASSIGNORS, are co-inventors of an invention entitled **ANTI-PROTEIN CONVERTASE SUBTILISIN KEXIN TYPE 9 (ANTI-PCSK9) COMPOUNDS AND METHODS OF USING THE SAME IN THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES**, which is the subject matter of U.S. Patent Application No. 14/767,133, filed in the U.S. Patent and Trademark Office on August 11, 2015, which is a 371 application of International Application No. PCT/US2014/022957, filed in the U.S. Patent and Trademark Office on March 11, 2014, which claims the benefit of U.S. Provisional Patent Application No. 61/788,061, filed in the U.S. Patent and Trademark Office on March 15, 2013.

**WHEREAS**, Shifa Biomedical Corporation, a company located at One Great Valley Parkway, Suite 8, Malvern, PA 19355, hereinafter referred to as ASSIGNEE, is desirous of acquiring all of ASSIGNORS= exclusive right, title and interest in the aforementioned invention, patent application and to any Letters Patent that may be granted thereon in the United States of America and on any corresponding national or regional stage application filed in any and all foreign jurisdictions;

**NOW, THEREFORE**, THIS IS TO WITNESS THAT in exchange for the payment to ASSIGNORS by ASSIGNEE of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and set over and do hereby sell, assign and set over unto ASSIGNEE, in and throughout the United States of America, its territories and all foreign countries, all of ASSIGNORS= exclusive right, title and interest in and to the aforementioned patent applications, invention described and/or claimed therein and any improvements thereof, and to all Letters Patent or similar legal protection, not only in the United States and its territorial possessions, but in all jurisdictions foreign thereto, to be obtained for said invention(s) based on said applications, by any prior or subsequent corresponding or related applications, or by any continuation, division, renewal, substitute, extension or reissue thereof, or any legal equivalent thereof in a foreign jurisdiction, including all priority rights under the International Convention, the same to be held and enjoyed by ASSIGNEE to the full end of the term or terms for which any said Letters Patent may be granted, extended or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS, and any of them, had this assignment, sale and transfer not been made.

ASSIGNORS hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign patent granting agencies to issue any and all of said Letters Patent, when granted, to the ASSIGNEE and as owner of the exclusive right, title and interest in and to said Letters Patent in accordance with this Assignment;

ASSIGNORS hereby covenant and agree that they have full right to convey their entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith.

ASSIGNORS further covenant and agree to communicate to ASSIGNEE or its representatives any facts known to them respecting said application and invention, to testify in any legal proceedings related thereto, sign all lawful papers, to execute all divisional, continuation, substitute, renewal, extension, and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths, declarations or affidavits and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said invention in the United States of America and in any and all foreign jurisdictions; and

ASSIGNORS further covenant and agree that the terms, covenants and conditions of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs and legal representatives.

Full name of first inventor: **Sherin Salaheldin Abdel-Meguid**

Signature Sherin S. Abdel-Meguid

Date: October 2, 2015

STATE OF PA

COUNTY OF Chester

On this 2<sup>ND</sup> day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Sherin Abdel-Meguid to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instruction as his/her free and voluntary act and for the uses and purposes therein expressed.

Mary Beth DeAbreu  
Notary Public

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

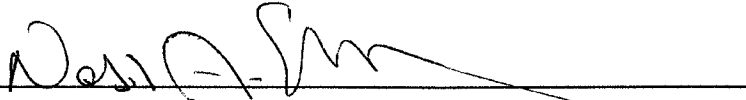
Mary Beth DeAbreu, Notary Public  
West Whiteland Twp., Chester County  
My Commission Expires June 29, 2018

PATENT

REEL: 041926 FRAME: 0959

Full name of second inventor: **Nabil Elshourbagy**

Signature



Date:

10/2/2015

STATE OF

PA

COUNTY OF

Chester

On this 2<sup>nd</sup> day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Nabil Elshourbagy to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instruction as his/her free and voluntary act and for the uses and purposes therein expressed.



Notary Public

## COMMONWEALTH OF PENNSYLVANIA

## NOTARIAL SEAL

Mary Beth DeAbreu, Notary Public  
West Whiteland Twp., Chester County  
My Commission Expires June 29, 2018

Full name of third inventor: **Harold Meyers**

Signature

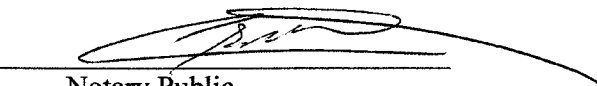
Date:

STATE OF Massachusetts


COUNTY OF Middlesex

On this 28 day of September, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Harold Meyers to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instruction as his/her free and voluntary act and for the uses and purposes therein expressed.



  
Notary Public

Full name of fourth inventor: **Shaker A. Mousa**

Signature 

Date: 09/28/2015

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared \_\_\_\_\_ to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instruction as his/her free and voluntary act and for the uses and purposes therein expressed.

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