506945310 10/27/2021

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUSSEF BIADILLAH	07/15/2012
STEPHEN DOUGLAS ANDREWS	07/15/2012

RECEIVING PARTY DATA

Name:	ABOGEN, INC.
Street Address:	417 AUBURN STREET
City:	PORTLAND
State/Country:	MAINE
Postal Code:	04103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17510003

CORRESPONDENCE DATA

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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.

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Address Line 2: COOLEY LLP

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ATTORNEY DOCKET NUMBER:	OSHH-001/C05US	
NAME OF SUBMITTER:	CHUN L. YU	
SIGNATURE:	/Chun L. Yu/	
DATE SIGNED:	10/27/2021	

Total Attachments: 3

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PATENT 506945310 REEL: 057933 FRAME: 0894

ASSIGNMENT

We, Youssef BIADILLAH, Stephen Douglas ANDREWS, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to AboGen, Inc., with offices at 417 Auburn Street, Portland, Maine 04103, United States of America, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the patent application entitled:

DEVICE, SOLUTIONS AND METHODS FOR SAMPLE COLLECTION

filed with the U.S. Patent and Trademark Office on June 19, 2012 and assigned International Application Serial No. PCT/US2012/043176, U.S. provisional Application Serial No. 61/498,584, filed on June 19, 2011, U.S. provisional Application Serial No. 61/598,601, filed on February 14, 2012, and U.S. provisional Application Serial No. 61/598,618, filed on February 14, 2012, and including any subsequently filed utility applications which claim priority to any of the foregoing, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

PATENT REEL: 057933 FRAME: 0895 First Inventor

: Youssef Biadillah Application No. : PCT/US2012/043176

Filed Page 2 of 3 : June 19, 2012

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: IL K 9a19			
17 13 13 1 Au 1 Au 1 Au 1 Au 1 Au 1 Au 1 A	Signature of: Youssef Biadillah		
in witness whereof, i, Steph			
	(Printed Name of		
that I was personally present and did see the	he above named person	duly sign and execute the	
assignment.			
9/189//			
(Mgn.Jane of Witness)			
Date: 54/5,712			
IN WITNESS WHEREOF, I,	Maya Lilkin	, hereby declare	
that I was personally present and did see t assignment.	ne above named person	duly sign and execute the	
(Signature of Witness)			
Date: July 15 1/2			

First Inventor : Youssef Biadillah Application No. : PCT/US2012/043176

: June 19, 2012

Page 3 of 3

Date: 5/2/12

Signature of: Stepisen Douglas Andrews

, hereby declare (Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the

assignment.

IN WITNESS WHEREOF, I,

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)

... 3 ...