503688850 02/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3735488

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Susan L. Lindquist	10/05/2015
Priyanka Narayan	09/29/2015

RECEIVING PARTY DATA

Name:	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Street Address:	NINE CAMBRIDGE CENTER
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142-1479

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14851662

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (212) 765-5070
Email: apsi@fr.com
Correspondent Name: JACK BRENNAN

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	26495-0017001
NAME OF SUBMITTER:	CAROL TYRRELL
SIGNATURE:	/Carol Tyrrell/
DATE SIGNED:	02/11/2016

Total Attachments: 8

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PATENT 503688850 REEL: 037717 FRAME: 0411

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PATENT REEL: 037717 FRAME: 0412

Attorney Docket No.: 26495-0017001 / SL14-03

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>SUSAN L. LINDQUI</u>ST, and <u>PRIYANKA NARAYAN</u>, each individually assign to <u>WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>Nine Cambridge Center</u>, <u>Cambridge, MA 02142-1479</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CELLS EXPRESSING APOLIPOPROTEIN E AND USES THEREOF", and was filed in the United States Patent and Trademark Office on <u>September 11</u>, 2015, as application <u>14/851,662</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Assignment Page 1 of 4

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

su-wife	DATE:	1015/15
Susan L. Lindquist, Individually and as an agent for Howard Hughes Medical In:	stitute	

The Commonwealth of Massachusetts

Middlesex	ss.			
			115, before me, the undersigned no	otary
public, personally appears				Prese
			tion, which were <u>PEIS/2/4 (</u>	
Lnowledge			be the person(s) whose name(s)	is/are
			owledged to me that she signed it	
voluntarily for its stated p	urpose.			
		Se.		



1/1/201/11/20 Notary Public

		DATE:
Priyanka Narayan		
	The C	ommonwealth of Massachusetts
Middlesex		
On this	_day of	, 2015, before me, the undersigned notary
public, personally appe	eared	Priyanka Narayan ,
proved to me through	satisfactory e	vidence of identification, which were
7		, to be the person(s) whose name(s) is/are
		document, and acknowledged to me that she signed it
voluntarily for its state		
stramanny ita no state	a hartwae.	
		Notary Public

Assignment Page 3 of 4

The Assignee hereby acknowledges	and accepts the foregoing assignment.
Assignee: WHITEHEAD INSTITU	TE FOR BIOMEDICAL RESEARCH
Signature:	Date:
Name:	
The Co	ommonwealth of Massachusetts
SS.	
On this day of	, 20, before me, the undersigned notary
public, personally appeared	, proved to me through
satisfactory evidence of identification	on, which were, to be
the person(s) whose name(s) is/are s	igned on the preceding or attached document, and
acknowledged to me that	signed it voluntarily for its stated purpose.
	Notary Public
	-

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Attorney Docket No.: 26495-0017001 / St.14-03

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SUSAN L. LINDQUIST, and PRIYANKA NARAYAN, each individually assign to WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, a corporation formed under the laws of Delaware and having a principal place of business at Nine Cambridge Center. Cambridge, MA 02142-1479, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CELLS EXPRESSING APOLIPOPROTEIN E AND USES THEREOF", and was filed in the United States Patent and Trademark Office on September 11, 2015, as application 14/851,662 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Assignment Page 1 of 4

documents, and will perform all other	r lawful acts necessary or desirable to secure fully to the
Assignee the rights, titles, and interes	ts assigned by this Assignment.
	DATE:
Susan L. Lindquist, Individually and an agent for Howard Hughes Medical	38
The Cor	nmonwealth of Massachusetts
Middlesexss.	
On thisday of	, 2015, before me, the undersigned notary
public, personally appeared	Susan Lindquist ,
proved to me through satisfactory evi	idence of identification, which were
	, to be the person(s) whose name(s) is/are
	ocument, and acknowledged to me that she signed it
voluntarily for its stated purpose.	
	Notary Public

Attorney Docket No.: 26495-0017001 / SL14-03

Priyanka Narayan	DATE:
The C	ommonwealth of Massachusetts
Middlesex ss.	
On this <u>29 th</u> day of <u>Se</u>	prember, 2015, before me, the undersigned notary
public, personally appeared	Priyanka Narayan ,
proved to me through satisfactory e	vidence of identification, which were <u>Personnel</u>
\mathcal{S}	to be the person(s) whose name(s) is/are
	document, and acknowledged to me that she signed it
voluntarily for its stated purpose.	
	Notary Public

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Signature: 06 C2 Date: 10/5/15
Name: <u>Carla DeMaria</u>
Title: Director, IP and Sponsored Programs
The Commonwealth of Massachusetts
Middlesexss.
On this 5 that day of October, 2015, before me, the undersigned notary
public, personally appeared <u>Carla DeMaria</u> , proved to me through
satisfactory evidence of identification, which were <u>personal knowledge</u> , to be
the person(s) whose name(s) is/are signed on the preceding or attached document, and
acknowledged to me that she signed it voluntarily for its stated purpose.
al a
Notary Public 10907074 doss Notary Public

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PATENT REFL: 037717 FRAME: 0420