505944317 03/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5991037

SUBMISSION TYPE:	NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
MOHAMMAD RASHIDIAN		06/10/2015	
HIDDE L. PLOEGH		06/17/2015	

RECEIVING PARTY DATA

Name:	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Street Address:	455 MAIN STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16737620

CORRESPONDENCE DATA

Fax Number: (617)646-8646	
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: 6	6176468000	
	oatents_JessicaChao@wolfgreenfield.com, fortunati@wolfgreenfield.com	
Correspondent Name: J	IESSICA CHAO	
Address Line 1: V	NOLF, GREENFIELD & SACKS, P.C.	
Address Line 2: 6	SOO ATLANTIC AVENUE	
Address Line 4:	BOSTON, MASSACHUSETTS 02210	

ATTORNEY DOCKET NUMBER:	W0571.70042US03	
NAME OF SUBMITTER:	JESSICA J. CHAO	
SIGNATURE:	/Jessica J. Chao/	
DATE SIGNED:	03/02/2020	
Total Attachments: 6		
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> PATENT REEL: 052064 FRAME: 0715

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignor, hereby:

Sell, assign, and transfer to Whitehead Institute for Biomedical Research, a Delaware \$. corporation, having a place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142, its successors, assigns, and legal representatives, all hereinafter referred to as the Assignee, my entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on November 13, 2014, under No. PCT/US2014/065574, bearing Attorney Docket No. W0571,70042W000, and entitled ¹⁸F LABELING OF PROTEINS USING SORTASES, and in and to the application and all corresponding provisional, non-provisional, national stage, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent, utility models, industrial designs, or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including, but not limited to, China, Japan, and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan, and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;

2. Agree that the Assignee may apply for and receive patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, national stage, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model, and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney, and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;

3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the patent to the Assignee;

4. Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

W0571.70042WO00 WIBR HP14-01

1/3

4066922.1

PATENT REEL: 052064 FRAME: 0716

06-10-2015

mmed Rashielian

Inventor: Mohammad Rashidian Address: 252 Kennedy Drive Malden, Massachusetts 02418 United States of America Citizenship: Iran (Islamic Republic of)

STATE/COMMONWEALTH OF Massachusetts COUNTY OF Middlesex: On this 104 day of C , 206 , before me, the undersigned notary public, Mohammad Rashidian , proved to me through satisfactory evidence of personally appeared identification, which were <u>performal knowledge</u> to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

3.4.11

My commission expires:

DAVIS

W0571.70042WO00 WIBR HP14-01

2/3

Inventor:	Hidde L. Ploegh
Address:	1 Toxteth Street
	Brookline, Massachusetts 02445
	United States of America
Citizenship:	Netherlands
ł	, before me, the undersigned notary public,
Hidde L. Ploegh	, proved to me through satisfactory evidence of
preceding or attached (locument in my presence and swore or affirmed
	accurate to the best of (his) (her) knowledge
	ed it voluntarily for its stated purpose.
Notary Public	
	Address: Citizenship:

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignor, hereby:

1. Sell, assign, and transfer to Whitehead Institute for Biomedical Research, a Delaware corporation, having a place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142, its successors, assigns, and legal representatives, all hereinafter referred to as the Assignee, my entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on November 13, 2014, under No. PCT/US2014/065574, bearing Attorney Docket No. W0571,70042WO00, and entitled ¹⁸F LABELING OF PROTEINS USING SORTASES, and in and to the application and all corresponding provisional, non-provisional, national stage, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent, utility models, industrial designs, or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including, but not limited to, China, Japan, and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority. including the right to claim priority for China, Japan, and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;

2. Agree that the Assignee may apply for and receive patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, national stage, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model, and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney, and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;

 Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the patent to the Assignee;

4. Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

W0571.70042WC00 WIBR HP14-01 1/3

4066922.1

PATENT REEL: 052064 FRAME: 0719

Uate	inventor:	Monammad Kashidian	
	Address:	252 Kennedy Drive	
		Malden, Massachusette 02418	
		United States of America	
	Citizenship:	Iran (Islamic Republic of)	
STATE/COMMONWEALTH OF			
COUNTY OF			

On this day of , , before me, the undersigned notary public, personally appeared Mohammad Rashidian , proved to me through satisfactory evidence of identification, which were

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

2/3

SEAL

Notary Public

My commission expires:

6/17/15		Lare war
Date	Inventor:	Hidde L. Ploegn
	Address:	1 Toxteth Street
		Brookline, Massachusetts 02445
		United States of America
	Citizenship:	Netherlands
COUNTY OF Mades X	eL. Ploegh <u>VC 'S UCern</u> eding or attached i	Expres
	Notary Public	
	<u></u>	
My commission expires:	<u>211216</u>	

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