505410453 04/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5457243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Louis M. Messina	03/09/2012

RECEIVING PARTY DATA

Name:	UNIVERSITY OF MASSACHUSETTS
Street Address:	ONE BEACON STREET, 31ST FLOOR
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02108

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16374369

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: +1 (617) 368-2109

apsi@fr.com Email: **Correspondent Name: DOYON WON**

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	07917-0371004
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	04/04/2019

Total Attachments: 2

source=Assignment-07971-0371xxx#page1.tif source=Assignment-07971-0371xxx#page2.tif

> **PATENT REEL: 048789 FRAME: 0285**

505410453

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

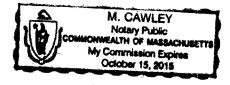
- Sell, assign and transfer to University of Massachusetts, a Massachusetts nonprofit educational corporation having a place of business at 225 Franklin Street: Boston. Massachusetts 02110, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, 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 application for United States Letters Patent filed in the United States Patent and Trademark Office on January 23, 2012 under Application Serial No. 13/386,462, bearing Attorney Docket No. M1236.70000US02, and entitled METHODS AND COMPOSITIONS TO REDUCE OXIDATIVE STRESS, and in and to the application and all corresponding non-provisional, 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 Letters 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, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, 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 Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation:
- 5. 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
- 6. 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.

Attorney Docket No. M1236.70000US02 2596721.1

Page 1 of 2

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

3/19/12 Date	Inventor:	Louis M. Messina	6
	Address:		
. Frank i de la company de		Westborough, Massachusetts 01581-3025	
		UNITED STATES OF AMERICA	
C	Citizenship:	US	
STATE/COMMONWEALTH OF MASSAC	CHOSETT	~~	
COUNTY OF WORCESTER :	<u> </u>		
On this 19 day of MARCH	, 201	ர் 🤶 , before me, the undersigned notary public,	ı
personally appearedLouis M. Mess	sina	, proved to me through satisfactory evidence	of
identification, which were MA DRIVERS I	4 CENSE	·	
		document in my presence and swore or affirme	— d
to me that the contents of the document are t	truthful and	accurate to the best of (his) (her) knowledge	
and belief and acknowledged to me that (he)			
* A . CT			
SEAL M. Carely		·	
Notary P	ublic		
My commission expires: 10/15/	2-11		
my commission expires. 1011516	X42	·	
	•		



Attorney Docket No. M1236.70000US02 2596721.1

Page 2 of 2