505024008 07/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIGUEL SENA ESTEVES	01/22/2016
SOURAV ROY CHOUDHURY	01/22/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15516585

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ATTORNEY DOCKET NUMBER:	U0120.70065US01	
NAME OF SUBMITTER:	KEVIN MACDONALD	
SIGNATURE:	/Kevin MacDonald/	
DATE SIGNED:	07/27/2018	

Total Attachments: 3

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> **PATENT** REEL: 046484 FRAME: 0289 505024008

ASSIGNMENT

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 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 International PCT application filed in the Receiving Office of the United States Patent and Trademark Office on October 2, 2015 under No. PCT/US2015/053804, bearing Attorney Docket No. U0120.70065WO00, and entitled NOVEL HIGH EFFICIENCY LIBRARY-IDENTIFIED AAV VECTORS, and in and to the application and all corresponding provisional, 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 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.

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

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1/22/16					
Date Inventor:	Migyel Sena Extevés				
Address:	7 Shipley Circle				
	Westford, Massachusetts 01886				
	UNITED STATES OF AMERICA				
Citizenship:	Portugal				
STATE/COMMONWEALTH OF MASSACHUSETT	2				
COUNTY OF WORCESTER :					
On this day of,,, before me, the undersigned notary public, personally appeared Miguel Sena Esteves , proved to me through satisfactory evidence of					
identification, which were parsonally known	,				
to be the person who signed the preceding or attached of					
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	ed it voluntarily for its stated purpose.				
SEAL James Q. Berze Notary Public					
My commission expires: MAy 30, 2019					

22 JANUARY 2016 Date Inventor:	Sourav Roy Choudhury
Address:	58 Coburn Avenue, Apt. 2
	Worcester, Massachusetts 01604
	UNITED STATES OF AMERICA
Citizenship:	India
STATE/COMMONWEALTH OF MASSACHUSE COUNTY OF WORLESTER	
personally appeared Sourav Roy Choudhury	, before me, the undersigned notary public, , proved to me through satisfactory evidence of
identification, which were	, provide to the through example of
identification, which were person who signed the preceding of 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) sign	ed it voluntarily for its stated purpose.
SEAL Jane (1, Busso) Notary Public	of the second se
My commission expires:	9

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