507334208 06/14/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7381132

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DA	TA					
			Name		Execution Date	
MATTHEW BAJOR					11/02/2021	
JOHN WRIGHT					06/08/2022	
TANBIR HAQUE					11/03/2021	
PETER R. KINGET					11/02/2021	
RECEIVING PARTY DA	ГΔ					
r			EES OF COLUMBIA UNIVERS		THE CITY OF NEW	
	YORK					
Street Address:	412 LOW MEMORIAL LIBRARY					
Internal Address:	535 WEST 116TH STREET					
City:	NEW YORK					
State/Country:	NEW YORK					
Postal Code:	10027					
PROPERTY NUMBERS	Total: 1					
Property Type			Number			
Application Number:		16420108				
CORRESPONDENCE DA	ΑΤΑ					
			931-8521			
•			e-mail address first; if that is (
•		-	<i>; if that is unsuccessful, it will be sent via US Mail.</i> 2125098800			
		info@byrnepoh.com				
			BYRNE POH LLP			
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ATTORNEY DOCKET NUMBER:			0315120.366-US2			
NAME OF SUBMITTER:			MATTHEW T. BYRNE			
SIGNATURE:		/Matthew T Byrne/				
SIGNATURE:			/Matthew T Byrne/			

06/14/2022

Total Attachments: 3

DATE SIGNED:

source=00362832#page1.tif source=00362832#page2.tif source=00362832#page3.tif App. No.: 16/420,108 Filed: 05/22/2019

ASSIGNMENT

WHEREAS, we, the undersigned ("the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "CIRCUITS AND METHODS FOR USING COMPRESSIVE SAMPLING TO DETECT DIRECTION OF ARRIVAL OF A SIGNAL OF INTEREST" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on 05/22/2019 as U.S. Patent Application Number 16/420,108 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of New York, having its principal office at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027, which together with its successors and assigns (collectively "the Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' rights, titles, and interests in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications; any applications, international applications, international applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

App. No.: 16/420,108 Filed: 05/22/2019

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date ______. I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

DocuSigned by:

Matthew Bayor Matthew Bajor 163 West 32nd Street Bayonne, NJ 07002

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date _______. I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

DocuSigned by: John Wright

John Wright 160 Claremont Ave, Apt 6G New York, NY 10027

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date <u>November 3, 2021</u>. I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

----- DocuSigned by:

Tanbir Haque 2C24B20C51314B

Tanbir Haque 35-64 84th Street, #6r Jackson Heights, NY 11372

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date ______. I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

DocuSigned by: Peter R. Kinget

Peter R. Kinget 11 Franklin Place Summit, NJ 07901 App. No.: 16/420,108 Filed: 05/22/2019

Assignee hereby acknowledges receipt of the entire rights, titles and interests set forth above:

The Trustees of Columbia University in the City of New York

DocuSigned by: Jeffrey M. Sears By:

Name: Jeffrey M. Sears

Title: Associate General Counsel of Columbia University

Date: November 3, 2021

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RECORDED: 06/14/2022