PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5301176

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSI TECHNOLOGIES" TO "COHERE TECHN recorded on Reel 040179 Frame 0051. As CORRECT NAME OF ASSIGNEE IS "CO	IOLOGIES, INC." previo ssignor(s) hereby confirr	usly ns the
CONVEYING PARTY DATA			
CONVEYING PARTY DATA	Name	Execution Date	
CONVEYING PARTY DATA RONNY HADANI	Name	Execution Date 10/28/2016	

State/Country:	CALIFORNIA
City:	SANTA CLARA
Name: Street Address:	COHERE TECHNOLOGIES, INC. 2550 WALSH AVENUE, SUITE 150

PROPERTY NUMBERS Total: 2	2
Property Type	Number
Application Number:	15263103
Application Number:	15862499

CORRESPONDENCE DATA	N	
Fax Number:	(206)	359-7198
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Address Line 2:	PERI	KINS COIE LLP
Address Line 4:	SEAT	ITLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMB	ER:	119314-8014.US00/US01
NAME OF SUBMITTER:		CORTNEY GOLLANDS
SIGNATURE:		/Cortney Gollands/
DATE SIGNED:		12/27/2018

Total Attachments: 4

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Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4121762

SUBMISSION TYPE:		NEW ASSIGNMENT		
ATURE OF CONVEY	ANCE:	ASSIGNMENT		
CONVEYING PARTY	DATA			
		Execution Date		
RONNY HADANI		10/28/2016		
SHLOMO SELIM RAK	(IB		10/28/2016	
RECEIVING PARTY D	ΑΤΑ			
Name:	COHE	COHERE TECHNOLOGIES		
Street Address:	2550 V	2550 WALSH AVENUE		
Internal Address:	SUITE	SUITE 150		
City:	SANTA	SANTA CLARA		
State/Country:	CALIF	CALIFORNIA		
Postal Code:	95051			
	S Total: 1			
PROPERTY NUMBERS Total: 1 Property Type		Number		
Application Number:	-	15263103	_	
CORRESPONDENCE	DATA			
Fax Number:		(858)720-5819		
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Phone:	Γριονίαει	(858)720-5700	ent via 05 man.	
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Correspondent Name):	BING AI		
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Address Line 2:		PO BOX 1247		
			47	
Address Line 2: Address Line 4:	NUMBER:	PO BOX 1247 SEATTLE, WASHINGTON 98111-124	47	
Address Line 2: Address Line 4: ATTORNEY DOCKET I		PO BOX 1247 SEATTLE, WASHINGTON 98111-124	47	
Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTEF		PO BOX 1247 SEATTLE, WASHINGTON 98111-124 119314-8014.US00	47	
Address Line 2:		PO BOX 1247 SEATTLE, WASHINGTON 98111-124 119314-8014.US00 MICHELLE WALSH	47	
Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTEF SIGNATURE:		PO BOX 1247 SEATTLE, WASHINGTON 98111-124 119314-8014.US00 MICHELLE WALSH /Michelle Walsh/	47	
Address Line 2: Address Line 4: TTORNEY DOCKET I AME OF SUBMITTEF IGNATURE: ATE SIGNED:	t: nment#pa	PO BOX 1247 SEATTLE, WASHINGTON 98111-124 119314-8014.US00 MICHELLE WALSH /Michelle Walsh/ 10/31/2016 ge1.tif	47	

ASSIGNMENT

RH

SR

We, <u>Ronny Hadani</u> of Santa Clara, California, and <u>Shlomo Selim Rakib</u> of Santa Clara, <u>Cohere Technologies, Inc.</u> California, hereby assign to <u>Cohere Technologies</u>, a corporation of California, having a place of business at 2550 Walsh Avenue, Suite 150, Santa Clara, California 95051, USA, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by us, entitled OTFS METHODS OF DATA CHANNEL CHARACTERIZATION AND USES THEREOF, filed on September 12, 2016, and assigned U.S. Patent Application Number 15/263,103.

This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. We authorize the Assignee to apply in all countries in our names or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, we hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between us and the Assignee existing at the time said inventions and improvements were made. Should we have any remaining interest, we hereby sell, assign, and transfer any right, title and interest we may have in said inventions and improvements anywhere in the world to the Assignee.

PATENT REEL: 049153 FRAME: 0344

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

We further covenant for ourselves and our respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, derivation, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

DATE: October 28, 2016

DATE: October 28, 2016

SHLOMO SELIM RAKIB

132984251.1

PATENT REEL: 049153 FRAME: 0345

RECORDED: 12/27/2018