503953996 08/10/2016

PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE: NEW ASSIGNMENT					
NATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
SYED FAISAL ALI SHAH			08/08/2016		
CHUANDONG LI			08/08/2016		
ZHUHONG ZHANG			08/08/2016		
RECEIVING PARTY DA	ТА				
Name:		EI TECHNOLOGIES CO., LTD.			
Street Address:		EI ADMINISTRATION BUILDING, BANTI	AN, LONGGANG		
City:	SHENZ	ZHEN, GUANGDONG			
State/Country:	CHINA				
Postal Code:	518129				
PROPERTY NUMBERS	Total: T				
Property Type		Number			
		Number 15228592			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	e sent to provideo	15228592 D the e-mail address first; if that is unse d; if that is unsuccessful, it will be sent 6137860200 mallory.emond@gowlingwlg.com MALLORY EMOND 160 ELGIN ST SUITE 2600			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	15228592 b the e-mail address first; if that is unsub- d; if that is unsuccessful, it will be sent 6137860200 mallory.emond@gowlingwlg.com MALLORY EMOND 160 ELGIN ST SUITE 2600 OTTAWA, CANADA K1P1C3			
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	15228592 b the e-mail address first; if that is unsub- d; if that is unsuccessful, it will be sent 6137860200 mallory.emond@gowlingwlg.com MALLORY EMOND 160 ELGIN ST SUITE 2600 OTTAWA, CANADA K1P1C3			

source=84982166US02_Executed Assignment#page1.tif source=84982166US02_Executed Assignment#page2.tif source=84982166US02_Executed Assignment#page3.tif WHEREAS, I/We, the undersigned inventor(s) (or one of the undersigned joint inventors), of residence as listed below, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed in a way that effectively on the date that the application is filed or a priority date or priority dates that the application claims; and

WHEREAS, Huawei Technologies Co., Ltd. ("Assignee"), a corporation organized and existing under the laws of China, having a principal place of business at Huawei Administration Building, Bantian, Longgang, Shenzhen, Guangdong, 518129 China, is desirous of acquiring my/our entire right, title and interest in the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we will assign, and hereby assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive right, title and interest in and to the invention in the United States and every other country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisional, reissues, reexaminations, National Phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every other country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner for Patents to issue U.S. patents for said invention, or patent resulting therefrom, insofar as my/our interest is concerned, to the Assignee agreeably with the terms of this assignment document.

I/we also hereby agree to sell and to assign, and sell and assign to Assignee, its successors and assigns, my/our international rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of any International Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I/we hereby further agree that I/we will communicate to Assignee, or its successors, assigns, and legal representative, any facts known to me/us respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all documents required for divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid such Assignee, its successors,

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ASSIGNMENT

assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I/we hereby authorize Assignee to modify this Assignment at a later date for the purpose of adding information to better identify the invention, such as the application serial number, and filing date of a patent application filed thereon.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	· · · ·	Fractionally Spaced Adaptive Equalizer With Non-Integer Sampling		
	Appl. No. 15/228,592	Filing Date: August 4, 2016		

Signature of Inventor:	U.		
Inventor Name:	Syed Faisal Ali Shah	Date	Aug 8, 2016
Residence (City/State):	Kamata / Ontario / Can	s da	
Signature of Witness:	Kehdi Tarbatian		
Witness Name:	Mehdi Torbatian	Date	Aug 08, 2016
Residence (City/State):	Kanata / Ontario/ Canada		0
Signature of Inventor:	chdi -		
Inventor Name:	Chuandong Li	Date	Aug 8,2016
Residence (City/State):	Ottanso / Ontario / Cas	"	Ų
Signature of Witness:	Mhd Jorbatian		× × ×
Witness Name: Residence (City/State):	Mehdi Torbatian Kanata/ontorio/Canada	Date	Aug 08, 2016

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	ASS	IGN	MP	NT

Signature of Inventor:	Č-C-C-,		
Inventor Name:	Zhuhong Zhang	Date	And 2016
Residence (City/State):	Ottawa, Octario		0
Signature of Witness:	Mehde Ferbation		
Witness Name:	Mehdi Torbatian	Date	Augo 8, 2016
Residence (City/State):	Kanata/ontario/canada		

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