

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3487262

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	1	
CONVEYING PARTY DATA		
	Name	Execution Date
	TAREK DJERAFI	07/17/2015
RECEIVING PARTY DATA		
Name:	HUAWEI TECHNOLOGIES CANADA CO., LTD.	
Street Address:	303 TERRY FOX DRIVE, SUITE 400	
City:	KANATA	
State/Country:	CANADA	
Postal Code:	K2K 3J1	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14802420
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	Maureen.Savard@nortonrosefulbright.com	
Correspondent Name:	MAUREEN SAVARD	
Address Line 1:	2828 BOULEVARD LAURIER BUREAU 1500	
Address Line 2:	COMPLEXE JULES-DALLAIRE/TOUR NORTON ROSE	
Address Line 4:	QUEBEC, CANADA G1V 0B9	
ATTORNEY DOCKET NUMBER:	55958282-15US	
NAME OF SUBMITTER:	ALEXANDRE DAOUST	
SIGNATURE:	/Alexandre Daoust/	
DATE SIGNED:	08/18/2015	
Total Attachments: 2		
source=Assignment_DJERAFI#page1.tif		
source=Assignment_DJERAFI#page2.tif		

ASSIGNMENT

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 on the date set forth below; and

WHEREAS, Huawei Technologies Canada Co., Ltd. ("Assignee"), a corporation organized and existing under the laws of Canada, having a place of business at 303 Terry Fox Drive, Suite 400, Kanata Ontario, Canada, K2K 3J1, 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, assigns and nominees to obtain and enforce proper patent protection for said

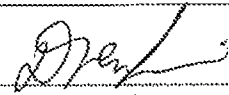
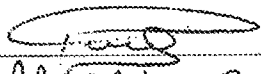
ASSIGNMENT

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	WAVEGUIDE STRUCTURE FOR USE IN DIRECTION-OF-ARRIVAL DETERMINATION SYSTEM AND ASSOCIATED DETERMINATION METHOD	
	Appl. No. US 14/802,420	Filing Date: July 17, 2015

Signature of Inventor:		
Inventor Name:	Tarek Djerafi	Date 2015/07/17
Residence (City/State):	Montreal/Quebec	
Signature of Witness:		
Witness Name:	PASCAL BUHASA	Date 2015/07/17
Residence (City/State):	Quebec, Montreal	