505972328 03/17/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
		Name		Execution Date		
FUTUREWEI TECHNO	LOGIES, INC).		03/17/2020		
				·		
RECEIVING PARTY DA	TA					
Name:	HUAWEI TECHNOLOGIES CO., LTD.					
Street Address:	HUAWEI A	HUAWEI ADMINISTRATION BUILDING				
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City:	SHENZHE	SHENZHEN				
State/Country:	CHINA	CHINA				
Postal Code:	518129	518129				
	-					
PROPERTY NUMBERS	6 Total: 4					
Property Type		Number				
Application Number:		06177				
Application Number:		05895				
Application Number: 1		39282				
Application Number: 1		39483				
Fax Number:	· ·	9)277-5901		it will be sent		
		e e-mail address first; if that is u that is unsuccessful, it will be s				
		755-28785411				
Email: uspa		tent@huawei.com				
•		WEI TECHNOLOGIES CO., LTD.				
		DING G1-2, HUAWEI INDUSTRIAL BASE,				
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SIGNATURE:		/Shuang Liu/				
DATE SIGNED:		03/17/2020				
Total Attachments: 2						
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				PATENT		

Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, FUTUREWEI Technologies, Inc., a corporation of the state of Texas, located at 5700 Tennyson Parkway, Suite 600 Plano, TX 75024 ("Assignor") hereby:

sell, assign, transfer and convey unto *Huawei Technologies Co., Ltd., having* office at Administration Building, Bantian, Longgang District, Shenzhen, P.R. China ("Assignee"), and its successors, all rights, title and interest that exist today and may exist in the future in and to all of the following:

(A) all (a) provisional patent applications, patent applications and patents listed below; (b) patents or patent applications (i) to which any of the foregoing directly or indirectly claims priority, and/or (ii) for which any of the foregoing or the following directly or indirectly forms a full or partial basis for priority; (c) reissues, reexaminations, extensions, continuations, substitutions, continuing prosecution applications, requests for continuing examinations and divisions of any item in the foregoing categories (a) and (b); and (d) foreign patents, patent applications and counterparts, including international and regional applications, relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (the "Transferred Patents");

 (B) Inventions, invention disclosures and discoveries described in any of the Transferred Patents;

(C) Rights to apply in any or all countries of the world for any of the Transferred Patents and the inventions, invention disclosures and discoveries therein;

(D) Causes of action (whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, any of the Transferred Patents, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and

(E) Rights to collect royalties or other payments under or on account of any of the Transferred Patents and/or any of the foregoing.

App No.	Filed Date	Patent No.	Grant Date
61806177	28 Mar 2013		
14105895	13 Dec 2013	9154934	06 Oct 2015
14839282	28 Aug 2015	9451440	20 Sep 2016
15239483	17 Aug 2016	10278055	30 Apr 2019

AND Assignor hereby agree to execute without further consideration any further documents and instruments which may be lawful and proper in the prosecution of the Transferred Patents, and which may be desirable or necessary to secure to Assignee its rights, title and interest in and to said Patents;

AND Assignor hereby authorize the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other governmental grants or issuances that may be granted upon any of the Transferred Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives and will be binding upon Assignor, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at

RANO TX UNOn the date of 17 MARCH 2020

ASSIGNOR

Cathring

Name: Paul Hashim

Title: Chief IP Counsel

ASSIGNEE

Yu Jlan By:

Name: Jian Yu

Title: Supervisor of Process & Operation Dept.

RECORDED: 03/17/2020