504573186 09/29/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOTANG JIANG	05/05/2015
ZHENKUN ZHOU	05/05/2015
YUNXI LI	05/05/2015

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.			
Street Address:	Huawei Administration Building			
Internal Address:	Bantian, Longgang District			
City:	Shenzhen			
State/Country:	CHINA			
Postal Code:	518129			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15719073

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	4576-93300 (84359091US04)		
NAME OF SUBMITTER:	ADAM J. STEGGE		
SIGNATURE:	/Adam J. Stegge/		
DATE SIGNED:	09/29/2017		

Total Attachments: 2

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> **PATENT** REEL: 043742 FRAME: 0253

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Attorney Docket No. 4576-93300 Client Reference No. 84359091US04

ASSIGNMENT

WHEREAS, WE,

Xiaotang JIANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

Yunxi LI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; Zhenkun ZHOU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

have invented and own a certain invention entitled: GRAPHICS PROCESSING METHOD, APPARATUS, AND SYSTEM for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 09/28/2017, under U.S. Application No. 15/719.073 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign 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, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in

PATENT REEL: 043742 FRAME: 0254 In re Appln. of JIANG et al. Attorney Docket No. 4576-93300

making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITTNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date May	May	休人	215	Xiao fang Jiang	
•				Xiaotang JIANG	

Date Men 5th 2015 Thenkin ZHOW

Date May 5th 2015 Unxi Li