PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIMING WU	05/11/2016
BIN HUANG	05/23/2016
WAN ZHAO	05/11/2016

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:	15085831

CORRESPONDENCE DATA

Fax Number: (408)330-5088

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.

Phone: 86-755-28785404 Email: uspatent@huawei.com

Correspondent Name: WENJUN GU

Address Line 1: BUILDING G1-2, HUAWEI INDUSTRIAL BASE,

Address Line 2: BANTIAN, LONGGANG DISTRICT,

Address Line 4: SHENZHEN, CHINA 518129

ATTORNEY DOCKET NUMBER:	84285467US07
NAME OF SUBMITTER:	CHERYL FRANKE
SIGNATURE:	/cheryl franke/
DATE SIGNED:	05/25/2016

Total Attachments: 6

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Attorney Docket No. _____ Client Reference No. 84285467US07

ASSIGNMENT

WHEREAS, WE,

Liming WU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Bin HUANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Wan ZHAO Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.

have invented and own a certain invention entitled:

CONTROLLER, FLASH MEMORY APPARATUS, METHOD FOR IDENTIFYING DATA BLOCK STABILITY, AND METHOD FOR STORING DATA IN FLASH MEMORY APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 30 Mar 2016, under U.S. Application No. 15085831 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of 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

In re Appln. of WU et al. Attorney Docket No. 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 forms.					
that the foregoing covenant and agree and legal representatives of all parties	ement shall hind and inure to the benefit of the assigns				
IN WITTNESS WHEREOF, We ha	ave hereunder set our hands on the dates shown below.				
Date _ May 11 , 2016	Linving Wu Liming WU				
	Liming WU				
Date	Bin HUANG				
	BilliteAiyu				
Date	Wan ZHAO				
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REEL: 038714 FRAME: 0976

Attorney Docket No. _____ Client Reference No. 84285467US07

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reissued, reexamined, and Nationa on the invention, and in enforcing	ning original, continuation, continuation-in-part, divisional, all phase patents of the U.S. or of any and all foreign countries any rights or chooses in action accruing as a result of such accuting statements and other affidavits, it being understood agreement shall bind, and inure to the benefit of, the assigns rities hereto.
IN WITTNESS WHEREOF, W	e have hereunder set our hands on the dates shown below.
Date	Liming WU
Date May 23 . 2016	Bin HUANG Bin HUANG
	Bin HUANG
Date	
	Wan ZHAO

In re Appln. of WU et al.

200282239-2016-05-25-14-06-12-全界層片。

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and legal representatives of all particles. IN WITTNESS WHEREOF, We		on the dates shown below.
Date	Liming WU	
Date	Bin HUANG	
Date May 11, 2016	Wan 2HAO	
	Wan ZHAO	
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