PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4989840

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YILI GONG	06/12/2017
WENTAO MA	04/26/2018
HUIHUA SHI	06/12/2017

RECEIVING PARTY DATA

Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15868303

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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: 312-616-5600

Email: assignments@leydig.com **Correspondent Name:** LEYDIG, VOIT & MAYER, LTD.

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ATTORNEY DOCKET NUMBER:	HW737755
NAME OF SUBMITTER:	LEANNA BULTEMA
SIGNATURE:	/Leanna Bultema/
DATE SIGNED:	06/04/2018

Total Attachments: 6

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ASSIGNMENT

WHEREAS, WE,

Yili Gong Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and Wentao Ma Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and

Huihua Shi Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA.

have invented and own a certain invention entitled:

COMMAND PROCESSING METHOD AND SERVER

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 01/11/18, under U.S. Application No.15/868,303 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

In re Appln. of Gong et al. Attorney Docket No. <u>HW737755</u>

perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in 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 WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date	June 12, 201)	Y: L. Samy
		Yili Gong
Date		
		Wentao Ma
Date		
		Hahna Shi

Attorney Docket No. <u>HW737755</u> Client Reference No. 84316801US04

ASSIGNMENT

WHEREAS, WE,

Yili Gong Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and Wentao Ma Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and

Huihua Shi Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA.

have invented and own a certain invention entitled:

COMMAND PROCESSING METHOD AND SERVER

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2018-01-11, under U.S. Application No. 15868303 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.

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In re Apple, of Gong et al. Attorney Docket No. HW737755

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 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 accrumg 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 WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date	Yili Gong
	in Cong
Date	We∧foo
Date	
Dasc	Huihua Shi

Attorney Docket No. <u>HW73775</u>5 Client Reference No. 84316801US04

ASSIGNMENT

WHEREAS, WE,

Yili Gong Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and Wentao Ma Luojia Mount, Wuchang District, Wuhan, Hubei 430072, P.R.CHINA; and

Huihua Shi Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA.

have invented and own a certain invention entitled:

COMMAND PROCESSING METHOD AND SERVER

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 01/11/18, under U.S. Application No. and 15/868 303

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.

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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

In re Appln. of Gong et al. Attorney Docket No. <u>HW7377</u>55

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

Date		
	Yili Gong	
Date		*****
	Wentao Ma	
Date Jun 12, 2017	Huihua Shi	
	Huihua Shi	*******