504125927 12/06/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4172597

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNJU LIU	12/02/2016
JUNFENG DING	12/02/2016
YAO LI	12/02/2016

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:	15368038

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 4576-45400 (84027964US05)	
NAME OF SUBMITTER:	NICHOLAS K. BEAULIEU
SIGNATURE:	/Nicholas K. Beaulieu/
DATE SIGNED:	12/06/2016

Total Attachments: 4

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PATENT REEL: 040539 FRAME: 0614

PATENT

Attorney Docket No. 4576-45400 Client Reference No. 84027964US05

ASSIGNMENT

WHEREAS, WE,

Yunju LIU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Junfeng DING Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Yao LI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.

have invented and own a certain invention entitled:

HEAT DISSIPATION APPARATUS, HEAT DISSIPATION CONTROL METHOD, AND CONTROLLER

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on <u>2 Dec 2016</u>, under U.S. Application No.15368038 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 LIU et al. Attorney Docket No. 4576-45400

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 2016-12-2	Yunju LIL	
	Yunju LIU	
Date	Junieng DING	
Date	Yao LI	

In re Appln. of LIU et al. Attorney Docket No. 4576-45400

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		
1888		Yunju LIU
Date	02/12/2016	Junfeng DING
		Junfeng DING
Date		
		Yao LI

In re Appln. of LIU et al. Attorney Docket No. 4576-45400

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		
	Yunju LIU	
Date		
8	Junfeng DING	
Date	Yao LI	
	Yao LI	