505491322 05/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5538126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YINGMING LIU	03/28/2019
HAISHENG WANG	03/28/2019
XIAOCHUAN CHEN	03/28/2019
XUE DONG	03/28/2019
XIAOLIANG DING	03/28/2019
PINCHAO GU	03/28/2019
LEI WANG	03/28/2019
CHANGFENG LI	03/28/2019
PING ZHANG	03/28/2019

RECEIVING PARTY DATA

Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10 JIUXIANQIAO RD.
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16420760

CORRESPONDENCE DATA

Fax Number: (516)228-8516

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: 5162288484

Email: jpalmet@dilworthbarrese.com DILWORTH & BARRESE LLP. Correspondent Name: Address Line 1: 1000 WOODBURY ROAD

Address Line 2: SUITE 405

Address Line 4: WOODBURY, UNITED STATES 11797

ATTORNEY DOCKET NUMBER: 1734-474

REEL: 049269 FRAME: 0639 505491322

PAIENI

NAME OF SUBMITTER:	MICHAEL J. MUSELLA
SIGNATURE:	/mjm/
DATE SIGNED:	05/23/2019
Total Attachments: 18	
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Title of Invention	
As a below	named inventor, I hereby declare that:
This declar	1000 80:00000
is directed	gives;
	United States application or PCT international application number filed on .
The above-l	dentified application was made or authorized to be made by me.
I believe tha in the applic	it I am the original inventor or an original joint inventor of a claimed invention ation.
	cknowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to BOE Technology Group Co., Ltd. having a place of business at No.10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, P.R. China (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to CN201811340757.X filed on Nov.12.2018; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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LEGAL NAME OF INVENTOR		
Inventor: Yingming LIU	Date: Mar, 28,299	
Signature: Yitemine [2]]		##

2

·····	
Title of Invention	
As a below named	inventor, I hereby declare that:
This declaration	
is directed to:	▼ The attached application, or
	United States application or PCT international application numberfiled on
The above-identified	I application was made or authorized to be made by me.
I believe that I am ti in the application.	ne original inventor or an original joint inventor of a claimed invention
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LEGAL NAME OF INVENTOR			
Inventor: Haisheng WANG	Date:_	Mar, 28,20/9	***************************************
 Signature: Haidrona WANG			

Title of Invention	
As a below named i	nventor, I hereby declare that:
This declaration is directed to:	
	United States application or PCT international application numberfiled on
	application was made or authorized to be made by me. e original inventor or an original joint inventor of a claimed invention
	ge that any willful false statement made in this declaration is 3 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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LEGAL NAME OF INVENTOR		
Inventor: Xiaochuan CHEN	Date:	Mar,28,2019
Signatura: Xirtachuna CHICN		

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Title of Invention	
As a below r	named inventor, I hereby declare that:
This declara	W The attached application or
I believe that in the applica I hereby ack	I am the original inventor or an original joint inventor of a claimed invention tion. knowledge that any willful false statement made in this declaration is nder 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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LEGAL NAME OF INVENTOR	
Inventor: Xue DONG	Date: May 28.2019
Signature: Xue DON6	*

2

Title of Invention	
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to: For the attached application, or
	United States application or PCT international application number
The above-i	dentified application was made or authorized to be made by me.
believe the	at I am the original inventor or an original joint inventor of a claimed invention ation.
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LEGAL NAME OF INVENTOR				
Inventor: Xiaoliang DING	Date:	Now 28	2019	
Signature: Xigo kom DW6			3.	

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Title of Invention	
As a below	named inventor, I hereby declare that:
This declar	to:
The above-i	United States application or PCT international application number dentified application was made or authorized to be made by me.
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LEGAL NAME OF INVE	:NTOR		····		
Inventor: Pinchao Gl	1	Date:	Mar. 7.8.3	ug	
Signature: Vischera	(st)				

2

Title of Invention	
As a below named	l inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
The above-identifie	United States application or PCT international application number; d application was made or authorized to be made by me.
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LEGAL NAME OF INVENTOR	
90 - 180 - 1	2016 5.7 - 55.4
Inventor: Lei WANG	Date: Mar, 28,249

Signature: (¿(WAN6)	

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As a below named	inventor, I hereby declare that:
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The above-identified	United States application or PCT international application number, filed on, dapplication was made or authorized to be made by me.
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COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of <u>Dilworth & Barrese</u>, <u>LLP</u> the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL	NAME OF INVENTOR			
Inventor	: Changleng LI	Date:	May, 28,20/9	
Signatu	ic Changlery D			

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Title of Invention	*
As a below nam	ed inventor, I hereby declare that:
This declaration is directed to:	The attached application, or United States application or PCT international application number filed on The attached application or PCT international application in the property of t
I believe that I ar in the application I hereby acknov	fied application was made or authorized to be made by me. In the original inventor or an original joint inventor of a claimed invention Viedge that any willful false statement made in this declaration is In 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to BOE Technology Group Co., Ltd., having a place of business at No.10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, P.R. China (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to CN201811340757.X filed on Nov.12.2018; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be

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COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

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LEGAL NAME OF INVENTOR	
Inventor: Ping ZHANG	Date: May, 28, 299
Signature: Pras 2HAVG	***

RECORDED: 05/23/2019