504499907 08/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4546611

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOLONG HE	07/06/2017
ZHIFU LI	07/06/2017
ZHIYUAN JI	07/06/2017
JIKAI YAO	07/06/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15673688

CORRESPONDENCE DATA

Fax Number: (703)683-8396

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: 7035486284

Email: hpierce@nathlaw.com

Correspondent Name: NATH, GOLDBERG & MEYER

Address Line 1: 112 S WEST STREET Address Line 2: 35310U JBG HJ

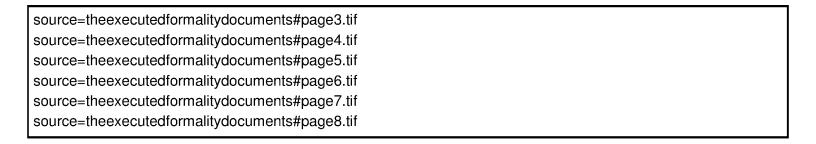
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	35310U
NAME OF SUBMITTER:	JOSHUA B. GOLDBERG
SIGNATURE:	/Joshua B. Goldberg/
DATE SIGNED:	08/11/2017

Total Attachments: 8

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> **PATENT REEL: 043269 FRAME: 0308** 504499907



PATENT REEL: 043269 FRAME: 0309

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	
As a belov	v named inventor, I hereby declare that:
This declar is directed. The above the believe the in the apple.	The attached application, or United States application or PCT international application numberfiled on -identified application was made or authorized to be made by me. at I am the original inventor or an original joint inventor of a claimed invention
I hereby a punishable years, or b	cknowledge that any willful false statement made in this declaration is a under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) both.

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, Beijin 100015, China, having a place of business at (each hereinafted 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 CN 201610720984.X filed on 24 August 2016; which in turn claims priority to filed on its such applications and all divisional, continuing, substitute, renewater 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 reissurpatents 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 United States.
the United States;

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

1

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

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 NATH, GOLDBERG & MEYER, Customer No. 20529 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.

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	LEGAL NAME OF INVENTOR Date: JULY 6. 2019
	Inventor: Xiaolong HE
	Signature: Xiaolong HE

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention		
As a below	v named inventor, I hereby declare that:	
This declaration is directed to: United States application or PCT international application numberfiled on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed in		
punishable years, or t	cknowledge that any willful false statement made in this declaration is e under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)	

referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to <u>BOE TECHNOLOGY GROUP CO., LTD.</u> , having a place of business at <u>No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China</u> , having a place of business at <u>(each hereinafter referred to as "ASSIGNEE")</u> , the entire right, title and interest for the United States and 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 discussed by the identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to CN 201610720984.X filed on 24 August 2016; which in turn claims priority to filed on such applications and all divisional, continuing, substitute, renewal the such applications are 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 made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

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	2017 / 2017
ĺ	Inventor: Zhifu LI	Date: JULY . 6 . 2017
	Signature: Zhifu	

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As a belov	v named inventor, I hereby declare that:
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	GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and

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LEGAL NAME OF INVENTOR	Date: JULY 6.2017
Inventor: Zhiyuan JI	Date: JVIL1, V. ZUI 7
Signature: Zhiyuan J	1

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on 24 August 2016; which in turn claims priority to filed on
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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 United States and all foreign countries
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on such inventions; and specifically including the right to file foreign applications unde
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: Jikai YAO Date: Juff. 6.2017	
Signature: Jihai 190	

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