PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4168971

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGDA SUN	10/21/2016
YOUNG SUK SONG	10/21/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15315762

CORRESPONDENCE DATA

Fax Number:

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.

Email: bwptopat@bannerwitcoff.com, cmckern@bannerwitcoff.com

Correspondent Name: WILLIAM J. ALLEN

Address Line 1: TEN SOUTH WACKER DRIVE

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	008357.00474
NAME OF SUBMITTER:	WILLIAM J. ALLEN
SIGNATURE:	/William J. Allen/
DATE SIGNED:	12/05/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT 504122301 REEL: 040514 FRAME: 0915

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	named inventor. I hereby declare that
This declar	ation
is directed	to The attached application, or
The above i	United States application or PCT international application number filed on dentified application was made or authorized to be made by me
l believe tha in the applic	t I am the original inventor or an original joint inventor of a claimed invention ation
	nowledge 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) the

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

SELL, ASSIGN AND TRANSFER to BOE TECHNOLOGY GROUP CO. LED. having a place of business at No.10 Jiuxiangiao Rd. Chaoyang District. Beging 100015. China, 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 PCT/CN2016/077484 filed on 03/28/2016, which in turn claims priority to 2015/0301084.7 filed on 06/03/2015—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.

ALTHORIZE AND REQUEST the issuing authority to result 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

Docket No. X14017601Z-C16W8380.01US

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 tide 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 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	Hor	ngda SUN	Date UH 21 2016
Signature	Hongda	SUN	

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	
venuo:	
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 number
The above-identifie	d application was made or authorized to be made by me.
believe that I am t n the application	he original inventor or an original joint inventor of a claimed invention
	ige that any willful false statement made in this declaration is 8 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 <u>BOE TECHNOLOGY GROUP CO_LTD</u> having a place of business at <u>No.10 Juxiangiao Rd</u>. Chaoyang District, Beijing 100015, <u>China</u>, 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 <u>PCT/CN2016/077484</u> filed on <u>03/28/2016</u>, which in turn claims priority to <u>201510301084.7</u> filed on <u>06/03/2015</u> 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 Assignce;

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

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PATENT REEL: 040514 FRAME: 0918 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 tide 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 berewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of ______ 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 patern applications.

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