### 503890213 06/27/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3936862

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HAIPING WANG	05/31/2016
DONG GUO	05/31/2016
HONG QIAN	05/31/2016
XU YAN	05/31/2016

#### **RECEIVING PARTY DATA**

Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10, JIUXIANQIAO ROAD, CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015
Name:	HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD.
Chunch Addunger	VALUE AND INCOME.
Street Address:	XINZHAN INDUSTRIAL PARK
City:	HEFEI, ANHUI

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15108272

#### **CORRESPONDENCE DATA**

**Fax Number:** (408)720-8383

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.

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Correspondent Name: BLAKELY SOKOLOFF TAYLOR AND ZAFMAN

Address Line 1: 1279 OAKMEAD PARKWAY

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ATTORNEY DOCKET NUMBER:	13902P202
NAME OF SUBMITTER:	ERIC S HYMAN

PATENT 503890213 REEL: 039019 FRAME: 0052

SIGNATURE:	/eric s hyman/	
SIGNATURE.	/enc's hyman/	
DATE SIGNED:	06/27/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8		
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source=13902P202_Assgmt_and_Decl#page7.tif		
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PATENT REEL: 039019 FRAME: 0053

Title of Invention	INVISIBLE LASER SYSTEM AND OPTICAL PATH VISUALIZATION METHOD THEREOF
As a below	named inventor, I hereby declare that:
This decla	The attached application or
The above-	United States application or PCT international application number PCT/CN2015/ 097233 filed on December 14, 2015. identified application was made or authorized to be made by me.
l believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
	knowledge 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 Road, Chaoyang District, Beijing 100015, P. R. China and HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at Xinzhan Industrial Park, Hefei, Anhui 230012, P. R. China (each 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 CN 201510488336.1 filed on August 11, 2015; which in turn claims priority filed on \_\_; 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 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 BLAKELY.SOKOLOFF.TAYLOR & ZAFMAN 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, and 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. 156, 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 INVE	ENTOR	
Inventor:	Haiping WANG	Date: May 31 2016
Signature:	Haiping WANG	Q

Title of Invention	INVISIBLE LASER SYSTEM AND OPTICAL PATH VISUALIZATION METHOD THEREOF	
As a below	named inventor, I hereby declare that:	
This decla	ration	
is directed	to: The attached application, or	
The above-	United States application or PCT international application number_PCT/CN2015/ 097233_filed on December 14, 2015. identified application was made or authorized to be made by me.	
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
	knowledge 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) ofth.	

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 Road, Chaoyang District, Beijing 100015, P. R. China and HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at Xinzhan Industrial Park, Hefei, Anhui 230012, P. R. China (each 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 <u>CN 201510488336.1</u> filed on <u>August 11, 2015</u>; which in turn claims priority filed on \_\_\_\_\_; 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 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, a new and transferred herein, and that ASSIGNOR has not executed and will not execute any sold document or instrument in conflict herewith.

ASSIGNOR: HEREBY GRANTS to the agents and attorneys of the BLAKELY SOKOLOFF TAYLOR & ZAFMAN 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 a 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, noted including the claims, as amended by any amendment referred to above the contents and including the claims, as amended by any amendment referred to above the contents and including the claims.

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 IN	/ENTOR	
Inventor:	Dong GUO	Date: May 31, 20/6
Signature:	Day Gue	0

Title of Invention	INVISIBLE LASER SYSTEM AND OPTICAL PATH VISUALIZATION METHOD THEREOF	
As a below named inventor, I hereby declare that:		
This declaration		
is directed	to: The attached application, or	
The above-	United States application or PCT international application number PCT/CN2015/ 097233_filed on December 14, 2015. 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 invention in the application.		
	knowledge 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) oth.	

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 Road, Chaoyang District, Beijing 100015, P. R. China and HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at Xinzhan Industrial Park, Hefei, Anhui 230012, P. R. China (each 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 CN 201510488336.1 filed on August 11, 2015; which in turn claims priority filed on \_\_\_\_\_\_; 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 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 Carlo BLAKELY SOKOLOFE TAYLOR & ZAFMAN 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.

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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 is 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 INVENTO	R <sup>°</sup>	
Inventor:	Hong QIAN	Date: May 31, 2016
Signature:	Huy QIAN	

2.

Title of Invention	INVISIBLE LASER SYSTEM AND OPTICAL PATH VISUALIZATION METHOD THEREOF				
As a below named inventor, I hereby declare that:					
This declaration  The attached application, or					
is directed to.					
United States application or PCT international application number <u>PCT/CN2015/ 097233</u> filed on <u>December 14, 2015.</u> The above-identified application was made or authorized to be made by me.					
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.					
	knowledge 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.				

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#### Docket No. X1400570B5-FPPH15130338US

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LEGAL NAME OF INVENT	OR	* · · · · · · · · · · · · · · · · · · ·	MANAGARAN MENERALA M
Inventor:	Xu YAN	Date:_	May . 31. 2016
Signature:	Xu YAN	EN Handaman and an annual a	<u> </u>