506649354 05/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6696165

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	506578263

CONVEYING PARTY DATA

Name	Execution Date
FAN HE	01/25/2021
KEMENG TONG	01/25/2021
CONG FAN	02/02/2021
XIANGDAN DONG	01/25/2021
SHUN ZHANG	01/25/2021
PING WEN	01/25/2021
YI ZHANG	01/25/2021
YU WANG	01/25/2021
SIYU WANG	01/25/2021
TINGLIANG LIU	01/25/2021
CHANG LUO	01/25/2021

RECEIVING PARTY DATA

Name:	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO. 1188 HEZUO RD., (WEST ZONE),
Internal Address:	HI-TECH DEVELOPMENT ZONE
City:	CHENGDU, SICHUAN
State/Country:	CHINA
Postal Code:	611731
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:	17280543

CORRESPONDENCE DATA		
Fax Number:	(516)	228-8516
		e-mail address first; if that is unsuccessful, it will be sent hat is unsuccessful, it will be sent via US Mail.
Phone:	5162	288484
Email:	jpalm	et@dilworthbarrese.com
Correspondent Name:	DILW	/ORTH & BARRESE, LLP
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Address Line 2:	SUIT	E 405
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ATTORNEY DOCKET NUMBER:	:	1734-716
NAME OF SUBMITTER:		MICHAEL J. MUSELLA
SIGNATURE:		/mjm/
DATE SIGNED:		05/06/2021
Total Attachments: 22		
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Docket No. X1906141B7-C20W6769.02US

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 name	ed 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-identif	ied application was made or authorized to be made by me.
l believe that I an in the application	the original inventor or an original joint inventor of a claimed invention
l hereby arknowl	edge that any willful false statement made in this declaration is

I hereby acknowledge that any wiliful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or 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 Chengdu BOE Optoclectronics Technology Co., Itd , having a place of business at No.1188 Hezuo Rd. (West Zone). Hi-tech Development Zone, Chengdu, Sichuan, 611731, P.R.China, and BOE TECHNOLOGY GROUP CO., LTD., having a place of business al No.10 Junxiangiao Rd. Chaovang District. Beijing 100015. 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 aboveidentified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2020/099256 filed on Jun 30.2020 ; 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;

PATENT REEL: 056178 FRAME: 0010

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 &</u> <u>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.

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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 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			
		Ton 15 2021	
Inventor: <u>Fan HE</u>	and a second		
- Day HF			
Sidestrie: [All ci ma			

PATENT REEL: 056178 FRAME: 0011

Title of Invention	
As a below name	ed inventor, I hereby declare that:
	The attached application, or United States application or PCT international application number
l believe that I an in the application	the original inventor or an original joint inventor of a claimed invention
I hereby acknowl punishable under years, or both.	edge that any willful false statement made in this declaration is 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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-	LEGAL NAME OF INVENTOR		A CONTRACT OF A CONTRACT OF A
	Inventor: Kemeng TONG	Date: [08.25,202]	
	signature: Kemerg TONG	5	

Title of Invention	
As a below named	l inventor, I hereby declare that:
This declaration is directed to:	C The attached application, or
	United States application or PCT international application numberfiled on d application was made or authorized to be made by me.
	he original inventor or an original joint inventor of a claimed invention
I hereby acknowled punishable under 1 years, or both.	tge that any wiliful false statement made in this declaration is 8 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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LEGAL NAME OF INVENTOR		
Inventor: <u>Const FAN</u>	Date: Feb. 02, 2021	
Signature: Carg FAN		

Title of Invention	
As a below name	d inventor, I hereby declare that:
This declaration is directed to: The above-identifi	The attached application, or United States application or PCT International application number
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LEGAL NAME	OF INVENTOR			
loventor: Xi	anodan DONG	 Dale:	and the second sec	
	× inso dos			
<u>Skonature:</u>	V Walt Now	 		

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Docket No. X1906141B7-C20W6769.02US

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	
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I believe that I am In the application.	the original inventor or an original joint inventor of a claimed invention
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Docket No. X190614187-C20W6769.02US

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		OR			2	
	Inventor: SI	IUN ZHANG		 Date:	J	<u>20,25,2</u>	
	Signature	Shur	ZHANG	 			

Docket No. X1906141B7-C20W6769.02US

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1	LEGAL NAM	VE OF INV	ENTOR					
1						Ton 25	2021	
1	Inventor:	Ping WEN	[Date:	Ashierin		
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ł	Signamie.			 				

Title of Invention	
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	LEGAL NAME OF INVENTOR		
- in the second second	Inventor: <u>YI ZHANG</u>	Jan . 25 , 2021	
	<u>signature: Yi zHANG</u>		

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Title of Invention	
As a below named	inventor, I hereby declare that:
This declaration is directed to: The above-identified	I The attached application, or I United States application or PCT international application number
in the application.	ne original inventor or an original joint inventor of a claimed invention ge 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)

lyears, or 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 __Chengdu BOE Optoclectronics Technology Co., Ltd_____, having a place of business at ____No_1188 Hezuo Rd., (West Zone), Hi-tech Development Zone, Chengdu, Sichuan, 611731, P.R.China , and BOE TECHNOLOGY GROUP CO_1.TD___, having a place of business at No.10 Janxiangiao Rd., Chaovang District, Beijing 100015, 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 aboveidentified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to ____PCT/CN2020/099256 filed on Jun. 30, 2020 ; 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;

COVENANT, when requested and at the expense of the Assignce, 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 &</u> <u>Barrese, 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.

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in a second	LEGAL NAME OF INVENTOR		ಿ ಸರ್ಕಾರಿ ಎಲ್. ಕ್ರಿಯೆ ಎಲ್. ಸಿಲ್ಲ ಸಂಗ್ರಹಿಸಿದ್ದರೆ.
and the second	Inventor: YUWANG	Date	<u>Jan. 25, 2021</u>
A CONTRACTOR OF	Signature: Ya WAN	G	

Title of Invention	
As a below name	d 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-identifi	ed application was made or authorized to be made by me.
I believe that I am in the application.	the original inventor or an original joint inventor of a claimed invention
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LEGAL NAME OF INVENTOR	Tan 25 . 2021
Inventor: Sivu WANG	Oate:Oate:
<u>Signature: Siya WANG</u>	

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As a below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or United States application or PCT international application numberfiled on
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Leone Wine Or Million	 Date: Jan. 25. 202/	
Ty allow		
Signature: 1 (II) (1980)	<u></u>	

Docket No. X1906141B7-C20W6769.02US

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

Title of Invention	
As a below name	d inventor, I hereby declare that:
This declaration is directed to:	♥ The attached application, or
	United States application or PCT international application numberfiled on
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PATENT REEL: 056178 FRAME: 0030

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EGAL NAME OF INVENTOR				
2 . 2	Data	Tax.25	,2021	
Inventor: <u>Chang Luco</u>				
Charl LUO				