

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2875
Filed:	September 25, 2015	Examiner:	To Be Assigned
Confirmation Number:	2702		

Title: LED TUBE LAMP

UPDATED ADS AND REQUEST FOR INVENTOR NAME CHANGE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Applicant hereby updates the following information in the ADS, and requests that the USPTO issue an updated filing receipt reflecting these changes. Changes are marked with underline and strikethrough.

1. The resident city for inventor 3 has been changed.
2. The resident city for inventor 4 has been changed.
3. The resident city for inventor 16 has been changed.
4. The spelling of inventor 18's given name has been changed.

The appropriate fee under 37 CFR 1.17(i) is being paid herewith.

Respectfully submitted,

/Bradley Edelman/

MUIR PATENT LAW, PLLC.
9913 Georgetown Pike, Suite 200
P.O. Box 1213
Great Falls, VA 22066

Bradley Edelman
Registration No. 57,648
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Tel: (703) 757-7449

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

☐	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
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Inventor Information:

Inventor 1					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Tao		Jiang		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	Jiaxing	Country of Residence ⁱ	CN		
Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province			
Postal Code		Country ⁱ	CN		
Inventor 2					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Liqin		Li		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	Jiaxing	Country of Residence ⁱ	CN		
Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province			
Postal Code		Country ⁱ	CN		
Inventor 3					Remove
Legal Name					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Prefix	Given Name	Middle Name	Family Name	Suffix
	Xiaosu		Yang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				
City	~~Jiaxing~~ Hangzhou	Country of Residence ⁱ	CN	

Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2	Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province		
Postal Code		Country ⁱ	CN	
Inventor 4	Remove			

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jun		Yang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				
City	~~Jiaxing~~ Shanghai	Country of Residence ⁱ	CN	

Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2	Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province		
Postal Code		Country ⁱ	CN	
Inventor 5	Remove			

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yueqiang		Zhang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				
City	Jiaxing	Country of Residence ⁱ	CN	

Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2	Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province		
Postal Code		Country ⁱ	CN	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Inventor 6					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Cheng		Wang		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	JIAXING	Country of Residence ⁱ	CN		

Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaying City, Zhejiang, China			
City	JIAXING CITY	State/Province			
Postal Code		Country ⁱ	CN		

Inventor 7					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Chang		Yang		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	JIAXING	Country of Residence ⁱ	CN		

Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaying City, Zhejiang, China			
City	JIAXING CITY	State/Province			
Postal Code		Country ⁱ	CN		

Inventor 8					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Bao		Wang		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	SHANGHAI	Country of Residence ⁱ	CN		

Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaying City, Zhejiang, China			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		SUP-101	
		Application Number			
Title of Invention		LED TUBE LAMP			
City		Jiaxing City		State/Province	
Postal Code				Country i	
				CN	
Inventor 9					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Nobutaka		Ota		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	Okayama County	Country of Residence i		JP	
Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaxing City, Zhejiang, China			
City		Jiaxing City		State/Province	
Postal Code				Country i	
				CN	
Inventor 10					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Xiao		Sun		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	Shanghai	Country of Residence i		CN	
Mailing Address of Inventor:					
Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2		Jiaxing City, Zhejiang, China			
City		Jiaxing City		State/Province	
Postal Code				Country i	
				CN	
Inventor 11					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Aiming		Xiong		
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service					
City	Jiaxing	Country of Residence i		CN	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Mailing Address of Inventor:

Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2		Jiaxing City, Zhejiang, China	
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN
Inventor 12			Remove
Legal Name			
Prefix	Given Name	Middle Name	Family Name
	Hechen		Hu
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service			
City	Jiaxing	Country of Residence ⁱ	CN

Mailing Address of Inventor:

Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2		Jiaxing City, Zhejiang, China	
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN
Inventor 13			Remove
Legal Name			
Prefix	Given Name	Middle Name	Family Name
	Qifeng		Ye
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service			
City	Jiaxing	Country of Residence ⁱ	CN

Mailing Address of Inventor:

Address 1		No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2		Jiaxing City, Zhejiang, China	
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN
Inventor 14			Remove
Legal Name			
Prefix	Given Name	Middle Name	Family Name
	Xintong		Liu
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

City	Jiaxing	Country of Residence ⁱ	CN
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Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Inventor 15

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Changwei		Hu	

Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service

City	Jiaxing	Country of Residence ⁱ	CN
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Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Inventor 16

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Guohai		Yao	

Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service

City	Jiaxing Zhuji	Country of Residence ⁱ	CN
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Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Inventor 17

Remove

Legal Name

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Prefix	Given Name	Middle Name	Family Name	Suffix
	Zhangyong		Xiang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				

City	Jiaxing	Country of Residence ⁱ	CN
------	---------	-----------------------------------	----

Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Inventor 18

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Shaojiang Shauliang		Chen	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				

City	Taoyuan City	Country of Residence ⁱ	TW
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Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Inventor 19

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Dingkai		Wang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				

City	New Taipei City	Country of Residence ⁱ	TW
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Mailing Address of Inventor:

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,		
Address 2	Jiaxing City, Zhejiang, China		
City	Jiaxing City	State/Province	
Postal Code		Country ⁱ	CN

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Inventor 20 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Wen-Jang		Jiang	
Residence Information (Select One) ☐ US Residency ☒ Non US Residency ☐ Active US Military Service				
City	Hsinchu City	Country of Residence ⁱ	TW	
Mailing Address of Inventor:				
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,			
Address 2	Jiaxing City, Zhejiang, China			
City	Jiaxing City	State/Province		
Postal Code		Country ⁱ	CN	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
☐ An Address is being provided for the correspondence information of this application.	
Customer Number	74712
Email Address	pto@muirpatentlaw.com Add Email Remove Email

Application Information:

Title of the Invention	LED TUBE LAMP		
Attorney Docket Number	SUP-101	Small Entity Status Claimed	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	74712		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(d). When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(h)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
201410507660.9	CN	2014-09-28	
Remove			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
201410508899.8	CN	2014-09-28	
Remove			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
201410623355.6	CN	2014-11-06	
Remove			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
201410734425.5	CN	2014-12-05	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510075925.7	CN	2015-02-12		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510104823.3	CN	2015-03-10		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510134586.5	CN	2015-03-26		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510133689.x	CN	2015-03-25		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510136796.8	CN	2015-03-27		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510173861.4	CN	2015-04-14		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510155807.7	CN	2015-04-03		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510193980.6	CN	2015-04-22		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510372375.5	CN	2015-06-26		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510259151.3	CN	2015-05-19		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510268927.8	CN	2015-05-22		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510284720.x	CN	2015-05-29		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510338027.6	CN	2015-06-17	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510315636.x	CN	2015-06-10	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510373492.3	CN	2015-06-26	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510364735.7	CN	2015-06-26	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510378322.4	CN	2015-06-29	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510391910.1	CN	2015-07-02	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510406595.5	CN	2015-07-10	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510482944.1	CN	2015-08-07	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510486115.0	CN	2015-08-08	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510428680.1	CN	2015-07-20	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510483475.5	CN	2015-08-08	
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove Access Code ⁱ (if applicable)
201510555543.4	CN	2015-09-02	

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Application Number	Country ^j	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510557717.0	CN	2015-09-06		
Application Number	Country ^j	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
201510595173.7	CN	2015-09-18		
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

- ☒ Assignee
 ☐ Legal Representative under 35 U.S.C. 117
 ☐ Joint Inventor
- ☐ Person to whom the inventor is obligated to assign.
 ☐ Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☒

Organization Name JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD

Mailing Address Information For Applicant:

Address 1 No.1288 Jiachuang Rd. Xiuzhou Area

Address 2 Jiaxing, Zhejiang, People's Republic of China.

City Jiaxing

State/Province

Country CN

Postal Code

Phone Number

Fax Number

Email Address

Additional Applicant Data may be generated within this form by selecting the Add button.

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).

If the Assignee is an Organization check here. ☐

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SUP-101
		Application Number	
Title of Invention	LED TUBE LAMP		

Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications.					
Signature	/Bradley Edelman/			Date (YYYY-MM-DD)	2015-10-30
First Name	Bradley	Last Name	Edelman	Registration Number	57648
Additional Signature may be generated within this form by selecting the Add button.					

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	23938287
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman/Sebastian Rendina
Filer Authorized By:	Bradley E. Edelman
Attorney Docket Number:	SUP-101
Receipt Date:	30-OCT-2015
Filing Date:	25-SEP-2015
Time Stamp:	00:02:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	SUP-101_Request_Updated_A DS_2.pdf	62777 be1d2ec724ff6988430fa13b1e12dcaa61b3 c16f	no	2

Warnings:

Information:

2	Application Data Sheet	SUP-101_Amended_ADS_2.pdf	1784338	no	15
			33b26f6aae53e7bbf9bf1bb718f899612fee9ae2		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
Total Files Size (in bytes):				1847115	
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					

Electronic Patent Application Fee Transmittal

Application Number:	14865387			
Filing Date:	25-Sep-2015			
Title of Invention:	LED TUBE LAMP			
First Named Inventor/Applicant Name:	Tao Jiang			
Filer:	Bradley E. Edelman/Sebastian Rendina			
Attorney Docket Number:	SUP-101			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
PROCESSING FEE, EXCEPT PROV. APPLS.	1830	1	140	140
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				140

Electronic Acknowledgement Receipt

EFS ID:	23938316
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman/Sebastian Rendina
Filer Authorized By:	Bradley E. Edelman
Attorney Docket Number:	SUP-101
Receipt Date:	30-OCT-2015
Filing Date:	25-SEP-2015
Time Stamp:	00:51:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 140
RAM confirmation Number	7428
Deposit Account	504574
Authorized User	EDELMAN, BRAD

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Fee Worksheet (SB06)	fee-info.pdf	30451	no	2
			5204eb194413432b5ac98298800c971dfca4613b		

Warnings:

Information:

Total Files Size (in bytes):	30451
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt

EFS ID:	23938316
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman/Sebastian Rendina
Filer Authorized By:	Bradley E. Edelman
Attorney Docket Number:	SUP-101
Receipt Date:	30-OCT-2015
Filing Date:	25-SEP-2015
Time Stamp:	00:51:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 140
RAM confirmation Number	7428
Deposit Account	504574
Authorized User	EDELMAN, BRAD

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Fee Worksheet (SB06)	fee-info.pdf	30451	no	2
			5204eb194413432b5ac98298800c971dfca4613b		

Warnings:

Information:

Total Files Size (in bytes):	30451
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/865,387	09/25/2015	2875	2540	SUP-101	9	2

CONFIRMATION NO. 2702
CORRECTED FILING RECEIPT

74712
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066



Date Mailed: 11/05/2015

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Tao Jiang, Jiaxing, CHINA;
Liqin Li, Jiaxing, CHINA;
Xiaosu Yang, Hangzhou, CHINA;
Jun Yang, Shanghai, CHINA;
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Aiming Xiong, Jiaxing, CHINA;
Hechen Hu, Jiaxing, CHINA;
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Xintong Liu, Jiaxing, CHINA;
Changwei Hu, Jiaxing, CHINA;
Guohai Yao, Zhuji, CHINA;
Zhangyong Xiang, Jiaxing, CHINA;
Shauliang Chen, Taoyuan City, TAIWAN;
Dingkai Wang, New Taipei City, TAIWAN;
Wen-Jang Jiang, Hsinchu City, TAIWAN;

Applicant(s)

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, Jiaxing, CHINA;

Power of Attorney: The patent practitioners associated with Customer Number 74712

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

CHINA 201410507660.9 09/28/2014
CHINA 201410508899.8 09/28/2014
CHINA 201410623355.6 11/06/2014
CHINA 201410734425.5 12/05/2014
CHINA 201510075925.7 02/12/2015
CHINA 201510104823.3 03/10/2015
CHINA 201510134586.5 03/26/2015
CHINA 201510133689.X 03/25/2015
CHINA 201510136796.8 03/27/2015
CHINA 201510173861.4 04/14/2015
CHINA 201510155807.7 04/03/2015
CHINA 201510193980.6 04/22/2015
CHINA 201510372375.5 06/26/2015
CHINA 201510259151.3 05/19/2015
CHINA 201510268927.8 05/22/2015
CHINA 201510284720.X 05/29/2015
CHINA 201510338027.6 06/17/2015
CHINA 201510315636.X 06/10/2015
CHINA 201510373492.3 06/26/2015
CHINA 201510364735.7 06/26/2015
CHINA 201510378322.4 06/29/2015
CHINA 201510391910.1 07/02/2015
CHINA 201510406595.5 07/10/2015
CHINA 201510482944.1 08/07/2015
CHINA 201510486115.0 08/08/2015
CHINA 201510428680.1 07/20/2015
CHINA 201510483475.5 08/08/2015
CHINA 201510555543.4 09/02/2015
CHINA 201510557717.0 09/06/2015
CHINA 201510595173.7 09/18/2015

Permission to Access - A proper **Authorization to Permit Access to Application by Participating Offices** (PTO/SB/39 or its equivalent) has been received by the USPTO.

Request to Retrieve - This application either claims priority to one or more applications filed in an intellectual property Office that participates in the Priority Document Exchange (PDX) program or contains a proper **Request to Retrieve Electronic Priority Application(s)** (PTO/SB/38 or its equivalent). Consequently, the USPTO will attempt to electronically retrieve these priority documents.

If Required, Foreign Filing License Granted: 10/07/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/865,387**

Projected Publication Date: 03/31/2016

Non-Publication Request: No

Early Publication Request: No

Title

LED TUBE LAMP

Preliminary Class

362

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

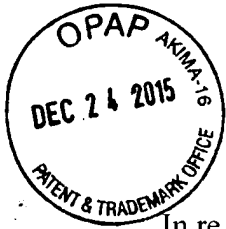
The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jiang et al. Attorney Docket: SUP-101
Serial Number: 14/865,387 Group Art Unit: 2875
Filed: September 25, 2015 Examiner: To Be Assigned
Confirmation Number: 2702

Title: LED TUBE LAMP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the listed documents on the attached SB/08 Form. This Information Disclosure Statement is being filed prior to an office action on the merits for this application.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do

not constitute "prior art" under United States law, Applicant reserves the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

This correspondence is being mailed to the USPTO via Express Mail. In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

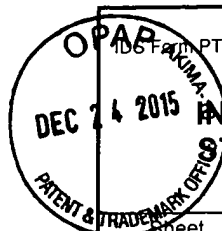
Bradley Edelman

Registration No. 57,648

Fax: (703) 757-7447

Tel: (703) 757-7449

MUIR PATENT LAW, PLLC.
9913 Georgetown Pike, Suite 200
P.O. Box 1213
Great Falls, VA 22066



US Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	14/865,387
				Filing Date	September 25, 2015
				First Named Inventor	Jiang, Tao
				Art Unit	2875
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2011/0038146	02-17-2011	Chen	
		2012/0153873	06-21-2012	Hayashi et al.	
		2013/0170245	07-04-2013	Hong et al.	
		2014/0071667	03-13-2014	Hayashi et al.	
		2015/0009688	01-08-2015	Timmermans et al.	
		2012/0235578	09-20-2012	Miller	
		2013/0050998	02-28-2013	Chu et al.	
		2011/0057572	03-10-2011	Kit et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 2015/036478 A1	03-19-2015	Koninklijke Philips N.V.		
		WO 2013/125803 A1	08-29-2013	Ryu		Abstract
		WO 2011/132120 A1	10-27-2011	Koninklijke Philips Electronics N.V.		
		WO 2014/001475 A1	01-03-2014	Osram GMBH		
		CN 203240337 (U)	10-16-2013	Zhejiang Super Lighting Electric Appliance Co.		Abstract
		CN 102518972 (A)	06-27-2012	Seewill Optoelectronics Technology Co. Ltd.		Abstract

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO Notes regarding this form:



- ¹ Applicant's unique citation designation number (optional).
 - ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
 - ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
 - ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
 - ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.
 - ⁶ Applicant is to place a check mark here if English language Translation is attached.
- This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known			
				Application Number		14/865,387	
				Filing Date		September 25, 2015	
				First Named Inventor		Jiang, Tao	
				Art Unit		2844	
				Examiner Name		Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number		SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials [*]	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		CN102155642 (A)	2011/08/17	CHANGGUI LIU		Abstract
		CN200965185 (Y)	2007/10/24	YAOHAN LIU		Abstract
		CN102932997 (A)	2013/02/13	ZHEJIANG HENGMAN PHOTOELECTRIC TECHNOLOGY CO LTD		Abstract
		CN101715265 (A)	2010/05/26	OCEANS KING LIGHTING SCIENCE		Abstract
		CN102355780 (A)	2012/02/15	ZHEJIANG SHIMING OPTICS TECHNOLOGY CO LTD		Abstract
		CN204300737 (U)	2015/04/29	LIU MEICHAN		Abstract
		CN104595765 (A)	2015/05/06	WUXI HYPERION ENERGY CONSERVATIONS CO LTD		Abstract
		CN204420636 (U)	2015/06/24	SHENHZEN BOSHIN LED LIGHTING CO LTD		Abstract
		CN202125774 (U)	2012/01/25	GUANGZHOU THERMOKING TECHNOLOGY INTERNAT CO LTD		Abstract
		CN204268162	2015/04/15	SI WENYUN		Abstract
		CN203927469	2014/11/05	SUZHOU LINKE LIGHTING TECHNOLOGY CO LTD		Abstract

NONPATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		PCT Search Report for International Application no. PCT/CN2015/090859 dated January 4, 2016.	
		PCT Search Report for International Application no. PCT/CN2015/090814 dated December 30, 2015.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

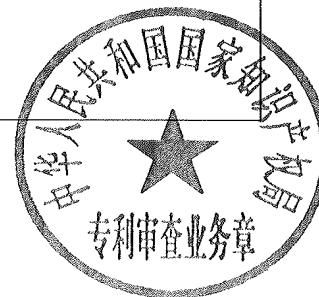
PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

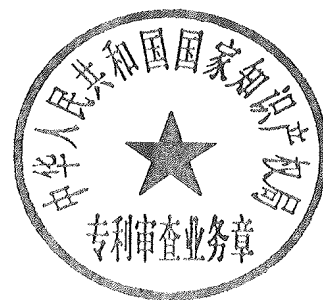
Applicant's or agent's file reference PCT15060CN	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/CN2015/090814	International filing date (day/month/year) 25 Sep. 2015 (25. 09. 2015)	(Earliest) Priority date (day/month/year) 28 Sep. 2014 (28. 09. 2014)
Applicant JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of <u>4</u> sheets. ☐ It is also accompanied by a copy of each prior art document cited in this report.		
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of: ☒ the international application in the language in which it was filed ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)) b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)). c. ☐ With regard to any nucleotide and /or amino acid sequence disclosed in the international application, see Box No. I. 2. ☐ Certain claims were found unsearchable (see Box No. II) 3. ☐ Unity of invention is lacking (see Box No. III) 4. With regard to the title, ☒ the text is approved as submitted by the applicant. ☐ the text has been established by this Authority to read as follows: 5. With regard to the abstract, ☒ the text is approved as submitted by the applicant. ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regard to the drawings, a. The figure of the drawings to be published with the abstract is Figure No. 49E ☒ as suggested by the applicant ☐ as selected by this Authority, because the applicant failed to suggest a figure ☐ as selected by this Authority, because this figure better characterizes the invention b. ☐ none of the figures is to be published with the abstract		



INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2015/090814

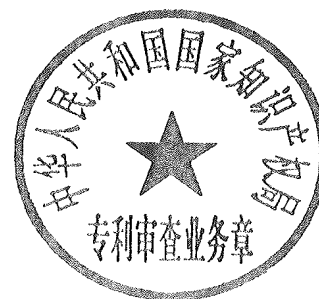
A. CLASSIFICATION OF SUBJECT MATTER H05B 37/02 (2006.01) i According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC: H05B F21S F21V F21Y		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CNPAT, CNKI, EPODOC, WPI: LED, rectifier, filter, bridge, full wave, half wave, capacitor, inductor, auxiliary power, standby power, backup power		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 102155642A (LIU, Changgui) 17 Aug.2011(17.08.2011) description, paragraphs [0088]-[0089], [0103]-[0104] and figures 5 and 35	1-35
Y	CN 102155642A (LIU, Changgui) 17 Aug.2011(17.08.2011) description, paragraphs [0088]-[0089], [0103]-[0104] and figures 5 and 35	36-41
Y	CN 200965185Y (LIU, Yaohan) 24 Oct.2007(24.10.2007) description, pages 2 and 3 and figures 1 and 2	36-41
A	CN 102932997A (ZHEJIANG HENGMAN PHOTOELECTRIC TECHNOLOGY CO., LTD.) 13 Feb.2013(13.02.2013) the whole document	1-41
A	CN 101715265A (OCEAN'S KING LIGHTING SCIENCE & TECHNOLOGY CO., LTD. et al.) 26 May 2010(26.05.2010) the whole document	1-41
A	CN 102355780A (ZHEJIANG SHIMING OPTICS TECHNOLOGY CO., LTD.) 15 Feb.2012(15.02.2012) the whole document	1-41
☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		



INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2015/090814

* Special categories of cited documents: “A” document defining the general state of the art which is not considered to be of particular relevance “E” earlier application or patent but published on or after the international filing date “L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified) “O” document referring to an oral disclosure, use, exhibition or other means “P” document published prior to the international filing date but later than the priority date claimed	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention “X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone “Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other documents, such combination being obvious to a person skilled in the art “&” document member of the same patent family
Date of the actual completion of the international search 11 Dec. 2015(11. 12. 2015)	Date of mailing of the international search report 30 Dec. 2015(30. 12. 2015)
Name and mailing address of the ISA/CN STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088, China Facsimile No.(86-10)62019451	Authorized officer HUANG, Shan Telephone No.: (86-10) 62413762

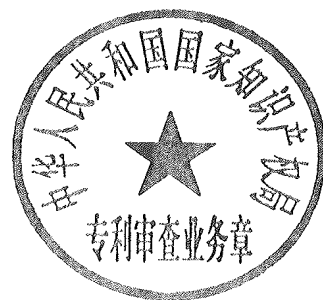


INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2015/090814

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN102155642A	17.08.2011	CN102155642B	27.02.2013
CN200965185Y	24.10.2007	HK1095985A2	18.05.2007
CN102932997A	13.02.2013	CN102932997B	27.08.2014
CN101715265A	26.05.2010	CN101715265B	14.08.2013
CN102355780A	15.02.2012	None	

1LP



PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND THE
WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY,
OR THE DECLARATION

(PCT Rule 44.1)

To:
100033
11th Floor, Focus Place, 19 Financial Street,, Xicheng District, Beijing, China China Sinda Intellectual Property Ltd.

Date of mailing(<i>day/month/year</i>)	30. Dec. 2015 (30. 12. 2015)
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No.	International filing date (<i>day/month/year</i>)
PCT/CN2015/090814	25. Sep. 2015 (25. 09. 2015)
Applicant	JIA XING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70

For more detailed instructions, see *PCT Applicant's Guide*, International Phase, paragraphs 9.004 – 9.011.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to any protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
☐ the protest together with the decision thereon has been transmitted to the International Bureau together with any request to forward the texts of both the protest and the decision thereon to the designated Offices.
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established.

Following the expiration of 30 months from the priority date, these comments will also be made available to the public.

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90*bis*.1 and 90*bis*.3).

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the *PCT Applicant's Guide*, National Chapters.

STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA(ISA/CN) 6,Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088 Facsimile No. (86—10) 62019451	Authorized officer HUANG, Sihan Telephone No.: (86-10) 62413762
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NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, paragraph 296).

What parts of the international application may be amended ?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When ? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments ?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How ? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet or sheets containing a complete set of claims in replacement of all the claims previously filed must be submitted.

Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively in Arabic numerals (Section 205(a)).

The amendments must be made in the language in which the international application is to be published.

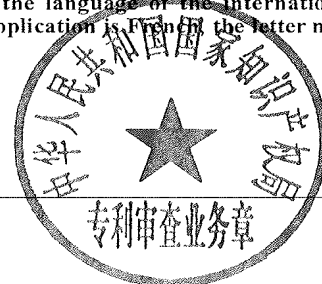
What documents must/may accompany the amendments ?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.



NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

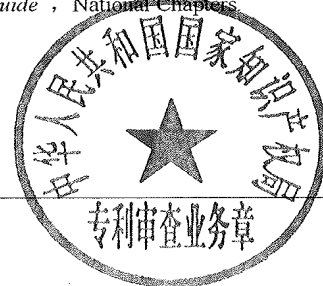
If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of FormPCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43bis.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the *PCT Applicant's Guide*, National Chapters.



PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
100033
B11th Floor, Focus Place, 19 Financial Street,, Xicheng District, Beijing, China China Sinda Intellectual Property Ltd.

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 *bis*.1)

Date of mailing(<i>day/month/year</i>) 30. Dec. 2015 (30. 12. 2015)	
Applicant's or agent's file reference PCT15060CN	FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/CN2015/090814	International filing date(<i>day/month/year</i>) 25. Sep. 2015 (25. 09. 2015)
Priority date (<i>day/month/year</i>) 28. Sep. 2014 (28. 09. 2014)	
International Patent Classification (IPC) or both national classification and IPC H05B 37/02 (2006. 01) i	
Applicant JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD	

1. This opinion contains indications relating to the following items:
- ☒ Box No. I Basis of the opinion
 - ☐ Box No. II Priority
 - ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - ☐ Box No. IV Lack of unity of invention
 - ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - ☐ Box No. VI Certain documents cited
 - ☐ Box No. VII Certain defects in the international application
 - ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

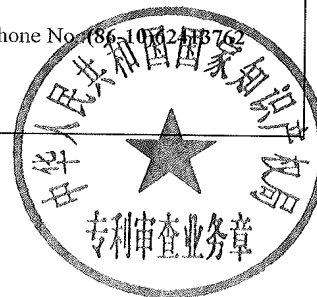
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/CN STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088, China Facsimile No. (86—10) 62019451	Date of completion of this opinion 17. Dec. 2015 (17. 12. 2015)	Authorized officer HUANG, Shan Telephone No. (86-10) 62019451
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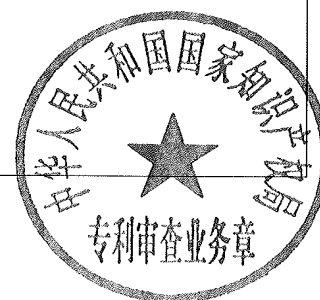


WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/CN2015/090814

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
☒ the international application in the language in which it was filed.
☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91(Rule 43bis.1(a))
3. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished :
 - a. (means):
☐ on paper
☐ in electronic form
 - b. (time):
☐ in the international application as filed
☐ together with the international application in electronic form
☐ subsequently to this Authority for the purposes of search
4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/CN2015/090814

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement:

Novelty (N)	Claims <u>1-41</u>	YES
	Claims <u>None</u>	NO
Inventive step (IS)	Claims <u>None</u>	YES
	Claims <u>1-41</u>	NO
Industrial applicability (IA)	Claims <u>1-41</u>	YES
	Claims <u>None</u>	NO

2. Citations and explanations

Reference is made to the following documents:

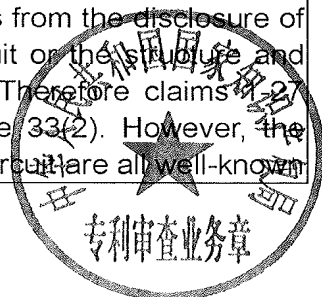
D1: CN 102155642 A, 17 Aug. 2011 (17.08.2011)

D2: CN 200965185 Y, 24 Oct. 2007 (24.10.2007)

I. Novelty and inventive step

D1 discloses (see description, paragraphs [0088]-[0089], [0103]-[0104] and figures 5 and 35) an LED tube lamp comprising: a lamp tube; two end caps, configured to be respectively attached to two ends of the lamp tube, each one of the two end caps having two conductive pins disposed thereon for receiving an external driving signal; a first rectifying circuit, coupled to a first pin and a second pin, for rectifying the external driving signal to produce a rectified signal, wherein the first rectifying circuit comprises a full-wave bridge rectifier circuit including four rectifying diodes and having a first filtering node connecting an anode and a cathode respectively of two of the four rectifying diodes Q1, Q3 and a second filtering node connecting an anode and a cathode respectively of the other two of the four rectifying diodes Q2, Q4; a first filtering circuit C9, coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; a second rectifying circuit coupled to a third pin and a fourth pin and a second filtering circuit C10 coupled to the second rectifying circuit, wherein the structures of the second rectifying circuit and second filtering circuit are the same as the first rectifying circuit and first filtering circuit; an led driving circuit, coupled to the first and second filtering circuit, to receive the filtered signal and then perform power conversion for converting the filtered signal into a driving signal; an LED module including a plurality of LED units D1-Dn connected in series to receive the driving signal.

The subject-matter of independent claims 1, 18 and 24 differs from the disclosure of D1 in that: the structure and connection of the filtering circuit on the structure and connection of the first rectifying circuit and filtering circuit. Therefore claims 1-27 involve novelty and meet the criteria set out in PCT Article 33(2). However, the structure and connection of the rectifying circuit and filtering circuit are all well-known



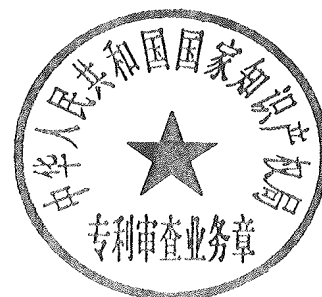


in the art, therefore claims 1, 18 and 24 do not involve an inventive step, and fail to meet the criteria set out in PCT Article 33(3).

The subject-matter of independent claims 28 and 36 differs from the disclosure of D1 in that: (1) a circuit sheet, attached to an inner circumferential surface of the lamp tube, and including at least one conductive layer; the LED module disposed on the circuit sheet and coupled to the at least one conductive layer of the circuit sheet to receive the driving signal; (2) an auxiliary power module, coupled to the LED module, for providing a current through the LED module when providing of the driving signal to the LED module is stopped or an auxiliary power module, coupled to the driving circuit, for providing a current through the LED module when providing of the filtered signal to the driving circuit is stopped. Therefore claims 28-41 involve novelty and meet the criteria set out in PCT Article 33(2). The distinguishing technical feature (1) is well-known in the art. For the distinguishing technical feature (2), D2 discloses (see description, pages 2 and 3 and figures 1 and 2) an LED tube lamp comprising: a standby power supply coupled to the LED module, which provides power when the main power is stopped. It would be obvious for a person skilled in the art to set and design reasonably an auxiliary power module in D1. Therefore claims 28 and 36 do not involve an inventive step, and fail to meet the criteria set out in PCT Article 33(3). The additional features of claims 2-8, 10-16, 19, 22, 23, 25, 26, 29, 31-35, 37, and 39-41 are well known in the art; the additional features of claims 9, 17, 20, 21, 27, 30 and 38 are disclosed by D1, therefore claims 2-17, 19-23, 25-27, 29-35, 37-41 do not involve an inventive step, and do not meet the criteria set out in PCT Article 33(3).

II. Industrial applicability

Claims 1-41 can find industrial applicability in the technical field of LED. Therefore these claims meet the criteria set out in PCT Article 33(4).



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S15040W0UA01	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/CN2015/090859	International filing date <i>(day/month/year)</i> 26 Sep. 2015 (26. 09. 2015)	(Earliest) Priority date <i>(day/month/year)</i> 28 Sep. 2014 (28. 09. 2014)
Applicant JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of <u>5</u> sheets. ☐ It is also accompanied by a copy of each prior art document cited in this report.		
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of: ☒ the international application in the language in which it was filed ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)) b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)). c. ☐ With regard to any nucleotide and /or amino acid sequence disclosed in the international application, see Box No. I. 2. ☐ Certain claims were found unsearchable (see Box No. II) 3. ☐ Unity of invention is lacking (see Box No. III) 4. With regard to the title, ☒ the text is approved as submitted by the applicant. ☐ the text has been established by this Authority to read as follows: 5. With regard to the abstract, ☐ the text is approved as submitted by the applicant. ☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regard to the drawings, a. The figure of the drawings to be published with the abstract is Figure No. 35 ☐ as suggested by the applicant ☒ as selected by this Authority, because the applicant failed to suggest a figure ☐ as selected by this Authority, because this figure better characterizes the invention b. ☐ none of the figures is to be published with the abstract		

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An LED tube lamp includes a tube (1), an LED light strip (2) disposed inside the tube (1) and an end cap (3) attached over an end of the tube (1). A power supply having a hard circuit board (253) is provided inside the end cap (3); at least one light source (202) is mounted on the LED light strip (2) and electrically connected with the power supply by way of the LED light strip (2) and the hard circuit board (253). The LED light strip (2) includes a bendable circuit sheet (251) being longer than the hard circuit (253) board, and the bendable circuit sheet (251) and the hard circuit board (253) are adhered to each other to form an assembly (25).

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2015/090859**A. CLASSIFICATION OF SUBJECT MATTER**

F21V 23/00(2015.01); F21Y 101/02(2006.01)n

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: F21

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNABS, CNTXT, VEN, TWABS, CNKI:LED, 发光二极管, 发光二极管体, 电源, 电路板, 硬, 可弯, 挠性, 可挠, 弯曲, 柔性, 管, light 2d emit+ 2d diode?, power 2d supply+, circuit 2d board+, PCB, FPC, hard, flexible, bendable, tube

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 204300737U (LIU, Meichan) 29 Apr.2015(29.04.2015) description paragraphs 3-23, figure 1	1-6
PY	CN 204300737U (LIU, Meichan) 29 Apr.2015(29.04.2015) description paragraphs 3-23, figure 1	7-10
PX	CN 104595765A (WUXI HYPERION ENERGY CONSERVATIONS CO LTD) 06 May 2015(06.05.2015) description paragraphs 3-23, figures 1 and 3	1-6
PY	CN 104595765A (WUXI HYPERION ENERGY CONSERVATIONS CO LTD) 06 May 2015(06.05.2015) description paragraphs 3-23, figures 1 and 3	7-10
PY	CN 204420636U (SHENHZEN BOSHIN LED LIGHTING CO LTD) 24 Jun.2015(24.06.2015) description paragraph 23 and figure 2	10
Y	CN 202125774U (GUANGZHOU THERMOKING TECHNOLOGY INT CO) 25 Jan.2012(25.01.2012) description paragraph 38 and figure 1	7-9
PA	CN 204268162U (SI** Wenyun) 15 Apr.2015(15.04.2015) the whole document	1-10
A	CN 203927469U (SUZHOU LINKE LIGHTING TECHNOLOGY CO LTD) 05 Nov.2014(05.11.2014) the whole document	1-10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2015/090859

* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
Date of the actual completion of the international search 25 Dec. 2015(25. 12. 2015)	Date of mailing of the international search report 04 Jan. 2016(04. 01. 2016)
Name and mailing address of the ISA/CN STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088, China Facsimile No.(86-10)62019451	Authorized officer GAO, Wang Telephone No.: (86-10) 62084085

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2015/090859

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN204300737U	29.04.2015	None	
CN104595765A	06.05.2015	None	
CN204420636U	24.06.2015	None	
CN202125774U	25.01.2012	None	
CN204268162U	15.04.2015	None	
CN203927469U	05.11.2014	None	

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

314000

IP Dep., No. 1288 Jiachuang Rd. Xiuzhou Area,
Jiaxing, Zhejiang, China, Jiaxing, Zhejiang,
China

JiangWenzhang

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing(*day/month/year*)

04. Jan. 2016 (04. 01. 2016)

Applicant's or agent's file reference

S15040W0UA01

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/CN2015/090859

International filing date (*day/month/year*)

26. Sep. 2015 (26. 09. 2015)

Applicant

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70

For more detailed instructions, see *PCT Applicant's Guide*, International Phase, paragraphs 9.004 – 9.011.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to any protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
☐ the protest together with the decision thereon has been transmitted to the International Bureau together with any request to forward the texts of both the protest and the decision thereon to the designated Offices.
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established.

Following the expiration of 30 months from the priority date, these comments will also be made available to the public.

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90*bis*.1 and 90*bis*.3).

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the *PCT Applicant's Guide*, National Chapters.

STATE INTELLECTUAL PROPERTY OFFICE OF THE
P.R.CHINA(ISA/CN)

6,Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088
Facsimile No. (86—10) 62019451

Authorized officer

GAO, Wang

Telephone No.:

(86-10) 62084085

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, paragraph 296).

What parts of the international application may be amended ?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When ? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments ?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How ? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet or sheets containing a complete set of claims in replacement of all the claims previously filed must be submitted.

Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively in Arabic numerals (Section 205(a)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments ?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43bis.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the *PCT Applicant's Guide*, National Chapters.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: 314000 IP Dep., No.1288 Jiachuang Rd. Xinzhou Area, Jiaxing, Zhejiang, China, Jiaxing, Zhejiang, China JiangWenzhang
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PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 *bis*.1)

Date of mailing(<i>day/month/year</i>) 04. Jan. 2016 (04. 01. 2016)		
Applicant's or agent's file reference S15040W00A01	FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/CN2015/090859	International filing date(<i>day/month/year</i>) 26. Sep. 2015 (26. 09. 2015)	Priority date (<i>day/month/year</i>) 28. Sep. 2014 (28. 09. 2014)
International Patent Classification (IPC) or both national classification and IPC F21V 23/00 (2015. 01) i; F21Y 101/02 (2006. 01) a		
Applicant JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD		
1. This opinion contains indications relating to the following items: ☒ Box No. I Basis of the opinion ☒ Box No. II Priority ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability ☐ Box No. IV Lack of unity of invention ☒ Box No. V Reasoned statement under Rule 43<i>bis</i>.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement ☐ Box No. VI Certain documents cited ☐ Box No. VII Certain defects in the international application ☐ Box No. VIII Certain observations on the international application 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66. <i>Ibis</i>(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220.		
Name and mailing address of the ISA/CN STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088, China Facsimile No. (86-10) 62019451	Date of completion of this opinion 25. Dec. 2015 (25. 12. 2015)	Authorized officer GAO,Wang Telephone No.:(86-10)62084085

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/CN2015/090859

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
☒ the international application in the language in which it was filed.
☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91(Rule 43bis.1(a)).
3. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished :
 - a. (means):
☐ on paper
☐ in electronic form
 - b. (time):
☐ in the international application as filed
☐ together with the international application in electronic form
☐ subsequently to this Authority for the purposes of search
4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/CN2015/090859

Box No. II Priority

1. ☐ The validity of the priority claim has not been considered because the International Searching Authority does not have in its possession a copy of the earlier application whose priority has been claimed or, where required, a translation of that earlier application. This opinion has nevertheless been established on the assumption that the relevant date (Rules 43bis.1 and 64.1) is the claimed priority date.

2. ☐ This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules **43bis.1** and **64.1**). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.

3. Additional observations, if necessary:

The priority documents CN201510482944.1, CN201510483475.5 and CN201510555543.4 explicitly or implicitly disclose the subject-matter of the claims of the international application, and neither of the other 10 priority documents explicitly or implicitly discloses the subject-matter of the claims of the international application. Therefore, the priority claims of earlier applications CN201510482944.1, CN201510483475.5 and CN201510555543.4 are valid, and the priority claims of the other 10 earlier applications are invalid. The relevant date of the international application is 07 August 2015.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/CN2015/090859

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement:

Novelty (N)	Claims <u>1-10</u>	YES
	Claims <u>None</u>	NO
Inventive step (IS)	Claims <u>None</u>	YES
	Claims <u>1-10</u>	NO
Industrial applicability (IA)	Claims <u>1-10</u>	YES
	Claims <u>None</u>	NO

2. Citations and explanations

The relevant date of the international application is 07 August 2015 upon verification.

D1: CN204300737U, 29 April 2015 (29.04.2015)

D2: CN202125774U, 25 January 2012 (25.01.2012)

D3: CN204420636U, 24 June 2015 (24.06.2015)

1. Novelty

D1 is considered to be the prior art document closest to the present invention and discloses an LED lamp tube (description paragraphs 3-23, figure 1) comprising a tubular light tube cover 1; a strip-type LED light plate 31 inside the cover with LEDs 32 mounted thereon; two end caps 41 attached over the two ends of the cover; and a power supply plate 42 inside the end cap, located adjacent to the side edges of the light plate and electrically connected with the LEDs. The light plate and power supply plate are definitely provided with printed circuit thereon, and the light plate and the power supply plate are adhered to each other through the contact part 51 of the power supply plate and the slot 52 of the light plate to form a circuit board assembly. The length of the light plate is larger than that of the power supply plate.

Claim 1 differs from D1 in that: the power supply has a circuit board and a power supply module.

Claim 7 differs from D1 in that: the power supply has a "hard" circuit board and a power supply module and the light strip has a "bendable" circuit board.

Claim 10 differs from D1 in that: the power supply is mounted on a printed circuit board and the light strip has a "bendable" circuit sheet with a length larger than a length of the tube.

Therefore, claims 1, 7, 10 and depended claims 2-6, 8, 9 are novel in the sense of Article PCT 33 (2).

2. Inventive Step

The technical problem to be solved by claim 1 is dividing the power supply plate into two components, the power supply module and the circuit board, which is well known in the art.

The technical problems to be solved by claim 7 are dividing the power supply plate into two components, the power supply module and the circuit board, and making the power supply plate strong enough and the light strip flexible enough. The power supply having two components and choosing "hard" circuit board as the support of the power supply are both well known in the art. And D2 (description paragraph 38 and figure 1) discloses a bendable circuit sheet 2 with LEDs.

The technical problems to be solved by claim 10 are making the power supply as an independent component on the circuit board, and making the light strip flexible enough and extended beyond the tube. The power supply on the circuit board is well known in the art, and D2 (description paragraph 38 and figure 1) discloses a bendable circuit sheet 2 with LEDs, D3 (description paragraph 23 and figure 2) discloses a lamp substrate 30 with a length larger than a length of the lamp tube.

Therefore, it would be obvious to a person skilled in the art to reach the technical solutions in claim 1, 7 and 10 respectively by combining D1 and common knowledge, D1, D2 and common knowledge, and D1, D2, D3 and common knowledge. Hence, the subject matter of claims 1, 7, 10 does not involve an inventive step in the sense of PCT Article 33(3).

The additional features of claims 2-6, 8, 9 refer to the material or structure of the first and the second circuit boards, and specific two connection ways between the power supply and the LED circuit board, these technical features are common designs in the art. Hence, the subject matter of claims 2-6, 8, 9 does not involve an inventive step in the sense of PCT Article 33(3).

3. Industry Application

The subject matter of claims 1-10 meets the criteria of PCT Article 33(4) because it can be used or made in industry.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	To Be Assigned
Confirmation Number:	2702		

Title: LED TUBE LAMP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the listed documents on the attached SB/08 Form. This Information Disclosure Statement is being filed prior to a first office action on the merits of this application.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute “prior art”. If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do

not constitute “prior art” under United States law, Applicant reserves the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

Bradley Edelman

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/865,387	09/25/2015	Tao Jiang	SUP-101

CONFIRMATION NO. 2702

PUBLICATION NOTICE



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Great Falls, VA 22066

Title:LED TUBE LAMP

Publication No.US-2016-0091147-A1

Publication Date:03/31/2016

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	09/25/2015	Tao Jiang	SUP-101	2702

74712 7590 04/12/2016
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

EXAMINER

TRAN, ANH Q

ART UNIT	PAPER NUMBER
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2844

NOTIFICATION DATE	DELIVERY MODE
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04/12/2016

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

pto@muirpatentconsulting.com
eofficeaction@apcoll.com

Office Action Summary	Application No. 14/865,387	Applicant(s) JIANG ET AL.	
	Examiner ANH TRAN	Art Unit 2844	AIA (First Inventor to File) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 9/25/15.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 1-9 is/are pending in the application.
5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) _____ is/are allowed.
- 7) ☒ Claim(s) 1-9 is/are rejected.
- 8) ☐ Claim(s) _____ is/are objected to.
- 9) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 9/25/15 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☒ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☒ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date _____ | 4) ☐ Other: _____ |

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

DETAILED ACTION

Claim Rejections - 35 USC § 112

2. The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 9 is rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language. This claim is an omnibus type claim.

Claim Rejections - 35 USC § 102

4. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.
5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

Art Unit: 2844

(a)(1) the claimed invention was patented, described in a printed publication, or in public use, on sale or otherwise available to the public before the effective filing date of the claimed invention.

6. Claims 1-3, 5-9 are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Sadwick et al. (2014/0265900).

Claim 1, Sadwick shows a light-emitting diode (LED) tube lamp (figs. 2-5, 23-24), comprising a lamp tube (18), having a first pin (42 and 46) and a second pin (44 and 48) for receiving an external driving signal (12, 14, and 16);

a first rectifying circuit (24, 40, figs. 2-5 or 366 and 318-324, figs. 23-24), coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;

a filtering circuit (capacitor 122, fig. 5 or inductor 370 and two capacitors 368 and 372, figs. 23-24), coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and

an LED driving module (50, fig. 5, or 326 and the rest of elements in the circuit of figs. 23-24), coupled to the filtering circuit, to receive the filtered signal for emitting light (64, fig. 5).

Claim 2, Sadwick shows the LED tube lamp according to claim 1, wherein the frequency of the external driving signal is in the range of 20 kHz - 30 kHz (Electronic ballasts....typically designed for a constant current output in the frequency range of above 20 kHz to less than 100 kHz, P[0002]).

Claim 3, Sadwick shows the LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed respectively at two opposite ends of the lamp tube (see figs. 4, 5).

Claim 5, Sadwick shows the LED tube lamp according to claim 1, wherein the first rectifying circuit comprises a full-wave bridge rectifier circuit (24, 40, figs. 2-5 or 366 and 318-324, figs. 23-24 are full-wave bridge).

Claim 6, Sadwick shows the LED tube lamp according to claim 1, further comprising a second rectifying circuit (see 24, 40 of figs. 4-5 or 366 and 318-324 of figs. 23-24), configured for rectifying the external driving signal concurrently with the first rectifying circuit, and

the lamp tube further has a third pin and a fourth pin (two pair of bi-pins are connected at both ends, see figs. 4-5) for receiving the external driving signal concurrently with the first and second pins.

Claim 7, Sadwick shows the LED tube lamp according to claim 1, wherein the filtering circuit further comprises a pi filter circuit (capacitors 368, 372, and inductor 370 formed the pi filter circuit, figs. 23-24).

Claim 8, Sadwick shows the LED tube lamp according to claim 1, wherein the filtering circuit further comprises one (the two capacitors 122 are connected in parallel, see fig. 5) or more filtering units connected in parallel.

Claim 9, Sadwick shows the devices and/or methods as described in one (see rejection of claim 1) or more of the embodiments herein.

7. Claims 1, 4 are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Katzir et al. (2012/0102729).

Claim 1, Katzir shows a light-emitting diode (LED) tube lamp (figs. 1C, 3A-3B) comprising a lamp tube (102), having a first pin and a second pin (106 at one end, see P[0027]) for receiving an external driving signal (AC signal source 302);

a first rectifying circuit (304), coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;

a filtering circuit (C1, C3) coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and

an LED driving module (300), coupled to the filtering circuit, to receive the filtered signal for emitting light.

Claim 4, Sadwick shows the LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed at an end of the lamp tube (Preferably, both the positive and negative electrical connections to the LED driver circuit will connect to one end cap 104. The other end cap 104 may be used to secure the light into place, but may not have an electrical connection, P[0027]).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANH TRAN whose telephone number is (571)272-1813. The examiner can normally be reached on M-Th (8:00-6:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Taningco can be reached on 571-272-2048. The fax phone

Art Unit: 2844

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANH TRAN/

Primary Examiner, Art Unit 2844

4/01/16

Notice of References Cited	Application/Control No. 14/865,387		Applicant(s)/Patent Under Reexamination JIANG ET AL.	
	Examiner ANH TRAN		Art Unit 2844	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2010/0102729 A1	04-2010	Katzir; Wesley	F21K9/17	315/113
*	B	US-2016/0081147 A1	03-2016	GUANG; Luo Hua	H05B33/089	315/123
*	C	US-2015/0077001 A1	03-2015	TAKAHASHI; Akira	H05B33/0803	315/193
*	D	US-2014/0265900 A1	09-2014	Sadwick; Laurence P.	H05B33/0803	315/200R
*	E	US-2012/0313540 A1	12-2012	Lin; Chung-Jyh	F21V23/003	315/201
*	F	US-2012/0181952 A1	07-2012	Roeer; Norbert	H05B33/0809	315/307
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

CPC- SEARCHED		
Symbol	Date	Examiner
HO5B\$/\$, F21V23/\$, F21S\$/ \$ text search- see printout	3/30/16	AT

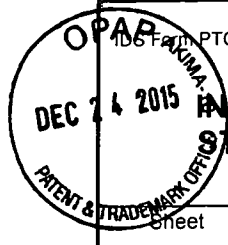
CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
315, 362	all- text search- see printout	3/30/16	AT

SEARCH NOTES		
Search Notes	Date	Examiner
east search- see printout	3/30/16	AT

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

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US Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	14/865,387
				Filing Date	September 25, 2015
				First Named Inventor	Jiang, Tao
				Art Unit	2875
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2011/0038146	02-17-2011	Chen	
		2012/0153873	06-21-2012	Hayashi et al.	
		2013/0170245	07-04-2013	Hong et al.	
		2014/0071667	03-13-2014	Hayashi et al.	
		2015/0009688	01-08-2015	Timmermans et al.	
		2012/0235578	09-20-2012	Miller	
		2013/0050998	02-28-2013	Chu et al.	
		2011/0057572	03-10-2011	Kit et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 2015/036478 A1	03-19-2015	Koninklijke Philips N.V.		
		WO 2013/125803 A1	08-29-2013	Ryu		Abstract
		WO 2011/132120 A1	10-27-2011	Koninklijke Philips Electronics N.V.		
		WO 2014/001475 A1	01-03-2014	Osram GMBH		
		CN 203240337 (U)	10-16-2013	Zhejiang Super Lighting Electric Appliance Co.		Abstract
		CN 102518972 (A)	06-27-2012	Seewill Optoelectronics Technology Co. Ltd.		Abstract

Examiner Signature	/Anh Tran/	Date Considered	04/01/2016
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	("20080197786" "20080253122" "20090091929" "20100289428" "20110019433" "20110149564" "20120043909" "6762562" "7053557" "7488086" "7507001" "8147091" "8319433" "8322878").PN. OR ("8531109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:25
S1	0	jiang-tao.in. and li-ligin.in. and yang-xiaosu.in. and zhang-yuegiang.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 13:02
S2	40	US-20020044456-\$.DID. OR US-20020176262-\$.DID. OR US-20030102819-\$.DID. OR US-20030231485-\$.DID. OR US-20040095078-\$.DID. OR US-20040189218-\$.DID. OR US-20050128751-\$.DID. OR US-20050162850-\$.DID. OR US-20050207166-\$.DID. OR US-20050213321-\$.DID. OR US-20070001709-\$.DID. OR US-20070145915-\$.DID. OR US-20070210687-\$.DID. OR US-20070274084-\$.DID. OR US-20080030981-\$.DID. OR US-20080192476-\$.DID. OR US-20080278941-\$.DID. OR US-20090161359-\$.DID. OR US-20100253226-\$.DID. OR US-20110090684-\$.DID. OR US-20110148313-\$.DID. OR US-20110216538-\$.DID. OR US-20120069556-\$.DID. OR US-20120106157-\$.DID. OR US-20120153873-\$.DID. OR US-20130170245-\$.DID. OR US-20130182425-\$.DID. OR US-20130200797-\$.DID. OR US-20140071667-\$.DID. OR US-20140153231-\$.DID. OR US-20140226320-\$.DID. OR US-20150009688-\$.DID. OR US-5575459-\$.DID. OR US-5921660-\$.DID. OR US-6127783-\$.DID. OR US-6609813-\$.DID. OR US-6796680-\$.DID. OR US-7033239-\$.DID. OR US-8360599-\$.DID. OR US-8579463-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 13:05
S3	1	US-20140071667-\$.DID. OR WO-	US-PGPUB;	OR	OFF	2016/03/31

		20151036478-\$.DID. OR WO- 2013125803-\$.DID. OR WO- 20111132120-\$.DID. OR WO- 20141001475-\$.DID.	USPAT; USOCR			13:46
S4	0	((("201100038146") or ("201200153873") or ("201300170245") or ("201400071667") or ("201500009688") or ("201200235578") or ("201300050998") or ("201100057572")).PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 13:49
S5	8	((("20110038146") or ("20120153873") or ("20130170245") or ("20140071667") or ("20150009688") or ("20120235578") or ("20130050998") or ("20110057572")).PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 13:49
S8	1	("20110057572").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 14:11
S9	1	("8729809").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 14:12
S10	22	("20050174065" "20060244396" "4211955" "4460863" "4939426" "5552678" "5914501" "5939839" "6150771" "6203180" "6323598" "6461019" "6501084" "6577072" "6590343" "6650064" "6760380" "7015650" "7053560" "7157859" "7489086" "7618165").PN. OR ("8729809").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 14:12
S11	148	(LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME (tube or tubul\$3) SAME pin SAME (rectif\$4 or recitific\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 14:28
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S17	1	S14 AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME (tube or tubul\$3) SAME pin SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:23
S18	11	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME pin SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:24
S19	116	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:27
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S23	29	315/\$.ccls. and ((pi NEAR2 filter\$3) SAME (rectif\$4 or rectific\$4))	US-PGPUB; USPAT	OR	OFF	2016/03/31 16:22
S24	12	(315/\$.ccls. or 362/\$.ccls.) AND (fluorescen\$4 adj2 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 16:40
S25	3040	(315/\$.ccls. or 362/\$.ccls.) AND (tub\$3 NEAR3 (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:49
S26	37	S25 and (pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:50
S27	1	("8749167").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 17:09
S28	13	("20100045187" "20100156324" "20110068703" "20110176297" "20120032610" "20120126703" "20120139421" "20120181952" "6525914" "7800316" "7994725" "8147091").PN. OR ("8749167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:10
S29	2	("8459831" "8749167").PN. OR ("9163818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:23
S30	54	S25 and ((pin or terminal or bi-pin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 17:27
S31	125388	H05B\$/\$.CPC. OR F21V23/\$.CPC. OR F21S\$/\$.CPC.	US-PGPUB; USPAT	OR	OFF	2016/03/31 18:27

S32	18	S31 AND (fluorescen\$4 NEAR3 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 18:30
S33	1665	S31 AND ((fluorescen\$4 NEAR3 tub\$4) SAME (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 18:36
S35	52	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 18:38
S36	3	US-7049761-\$.DID. OR US-20050162100-\$.DID. OR US-20020015297-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:47
S37	2	US-7049761-\$.DID. OR US-20050201098-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:48
S38	158	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 18:50

EAST Search History (Interference)

<This search history is empty>

3/ 31/ 2016 8:36:54 PM
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	14/865,387
				Filing Date	September 25, 2015
				First Named Inventor	Jiang, Tao
				Art Unit	2844
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials ²	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		CN102155642 (A)	2011/08/17	CHANGGUI LIU		Abstract
		CN200965185 (Y)	2007/10/24	YAOHAN LIU		Abstract
		CN102932997 (A)	2013/02/13	ZHEJIANG HENGMAN PHOTOELECTRIC TECHNOLOGY CO LTD		Abstract
		CN101715265 (A)	2010/05/26	OCEANS KING LIGHTING SCIENCE		Abstract
		CN102355780 (A)	2012/02/15	ZHEJIANG SHIMING OPTICS TECHNOLOGY CO LTD		Abstract
		CN204300737 (U)	2015/04/29	LIU MEICHAN		Abstract
		CN104595765 (A)	2015/05/06	WUXI HYPERION ENERGY CONSERVATIONS CO LTD		Abstract
		CN204420636 (U)	2015/06/24	SHENHZEN BOSHIN LED LIGHTING CO LTD		Abstract
		CN202125774 (U)	2012/01/25	GUANGZHOU THERMOKING TECHNOLOGY INTERNAT CO LTD		Abstract
		CN204268162	2015/04/15	SI WENYUN		Abstract
		CN203927469	2014/11/05	SUZHOULINKE LIGHTING TECHNOLOGY CO LTD		Abstract

NONPATENT LITERATURE DOCUMENTS

Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		PCT Search Report for International Application no. PCT/CN2015/090859 dated January 4, 2016.	
		PCT Search Report for International Application no. PCT/CN2015/090814 dated December 30, 2015.	

Examiner Signature	/Anh Tran/	Date Considered	04/01/2016
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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				Filing Date	September 25, 2015
				First Named Inventor	Jiang, Tao
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US20020044456	04/18/2002	Christophe Balestrierio	
		US20020176262	11/28/2002	Ajay Tripathi	
		US20030102819	06/05/2003	Young-Kee Min	
		US20030231485	12/18/2003	Tseng-Lu Chien	
		US20040095078	05/20/2004	Susan Leong	
		US20040189218	09/30/2004	Susan Leong	
		US20050128751	06/16/2005	Brian Roberge	
		US20050162850	07/28/2005	John F. Luk	
		US20050207166	09/22/2005	Peter Kan	
		US20050213321	09/29/2005	Yuan Lin	
		US20070001709	01/04/2007	Yu-Nung Shen	
		US20070145915	06/28/2007	Brian Roberge	
		US20070210687	09/13/2007	Folke Axelsson	
		US20070274084	11/29/2007	Peter Kan	
		US20080030981	02/07/2008	Matthew Mrakovich	
		US20080192476	08/14/2008	Toshio Hiratsuka	
		US20080278941	11/13/2008	Derek Logan	
		US20090161359	06/25/2009	Dennis Siemiet	
		US20100253226	10/07/2010	Isamu OKI	
		US20110090684	04/21/2011	Derek Logan	
		US20110148313	06/23/2011	Antonius Everardus Theodorus Ramaker	
		US20110216538	09/08/2011	Derek Logan	
		US20120069556	03/22/2012	Ralph Bertram	
		US20120106157	05/03/2012	David Simon	
		US20120153873	06/21/2012	Makoto Hayashi	
		US20130170245	07/04/2013	Jong Pa HONG	
		US20130182425	07/18/2013	Katsushi Seki	
		US20130200797	08/08/2013	Jos Timmermans	
		US20140071667	03/13/2014	Tadao Hayashi	
		US20140153231	06/05/2014	Thomas Bittmann	
		US20140226320	08/14/2014	Brian Halliwell	
		US20150009688	01/08/2015	Jos Timmermans	
		US5575459	11/19/1996	ROBERT A. ANDERSON	
		US5921660	07/13/1999	WILLIAM YU	

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				Examiner Name		Not Yet Assigned	
Sheet	2	of	1	Attorney Docket Number		SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

		US6127783	10/03/2000	Michael D. Pashley	
		US6609813	08/26/2003	David Field Showers	
		US6796680	09/28/2004	David Field Showers	
		US7033239	04/25/2006	Gary T. Cunkelman	
		US8360599	01/29/2013	John Ivey	
		US8579463	11/12/2013	CHRISTIAN JAMES CLOUGH	

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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Anh Tran/	Date Considered	04/01/2016
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<i>Index of Claims</i> 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant		☐ CPA		☐ T.D.		☐ R.1.47			
CLAIM		DATE							
Final	Original	04/01/2016							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
	9	✓							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	2	Attorney Docket Number	SUP-101

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		Number-Kind Code ² (if known)			
		US20120319150	12-20-2012	Shimomura et al.	
		US20130256704	10-03-2013	Hsiao et al.	
		US20120293991	11-22-2012	Chiu-Min Lin	
		US2015/0351171	12-03-2015	Tao et al.	
		US2011/0181190	07-28-2011	Lin et al.	
		US8648542	10-11-2012	Kim et al.	
		US8525427	12-29-2011	Samoilenko et al.	
		US 2005/0162850	07-28-2005	Luk et al.	
		US6936855	08-10-2005	Harrah et al.	
		US20130033888	02-07-2013	Wel et al.	
		20160091179	03-31-2016	Jiang et al.	
		20160102813	04-14-2016	Ye et al.	
		20160091156	03-31-2016	Li et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP2008117666	05-22-2008	Nobuo et al.		
		JP2011061056	03-24-2011	Kazuhiko et al.		
		CN102121578	07-13-2011	Changgui Liu		
		GB2523275	08-19-2015	Evitt Jonathan Henry Strevens		
		WO 2014/118754	08-07-2014	ANTON et al.		

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
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				<i>First Named Inventor</i>	Tao Jiang
				<i>Art Unit</i>	2844
				<i>Examiner Name</i>	Anh Q. Tran
Sheet	2	of	2	<i>Attorney Docket Number</i>	SUP-101

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		European Search Report Application no. EP15178137 dated Feb. 1, 2016	
		European Search Report Application no. EP15178145 dated Dec. 15, 2015	
		UK Search Report Application no. GB1516993.1 dated Feb. 15, 2016	

Examiner Signature		Date Considered	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the listed documents on the attached SB/08 Form. This Information Disclosure Statement is being filed after a first office action on the merits of this application but before a final office action or notice of allowance. A fee of \$180 is being filed with this submission.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute “prior art”. If the Examiner applies any of the documents as prior art

against any claim in the application and Applicant determines that the cited documents do not constitute “prior art” under United States law, Applicant reserves the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

Bradley Edelman

Registration No. 57,648

Fax: (703) 757-7447

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	JIANG et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

This amendment is filed in response to the Office Action of April 12, 2016.

Amendments to the claims appear below.

Remarks follow the amendment sections of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims, in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A light-emitting diode (LED) tube lamp, comprising:
a lamp tube, having a first pin and a second pin for receiving an external driving signal;
a first rectifying circuit, coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;
a filtering circuit, coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and
an LED driving module, coupled to the filtering circuit, to receive the filtered signal for emitting light, wherein the LED driving module includes an LED module including:
a plurality of light emitting diodes (LEDs) arranged along a lengthwise direction,
each LED connected between a positive conductive line and a negative conductive line,
wherein the positive conductive line extends in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp, and

wherein the negative conductive line extends in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp.

2. (Original) The LED tube lamp according to claim 1, wherein the frequency of the external driving signal is in the range of 20 kHz – 30 kHz.
3. (Original) The LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed respectively at two opposite ends of the lamp tube.
4. (Original) The LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed at an end of the lamp tube.
5. (Original) The LED tube lamp according to claim 1, wherein the first rectifying circuit comprises a full-wave bridge rectifier circuit.
6. (Original) The LED tube lamp according to claim 1, further comprising a second rectifying circuit, configured for rectifying the external driving signal concurrently with the first rectifying circuit, and the lamp tube further has a third pin and a fourth pin for receiving the external driving signal concurrently with the first and second pins.

7. (Original) The LED tube lamp according to claim 1, wherein the filtering circuit further comprises a pi filter circuit.

8. (Original) The LED tube lamp according to claim 1, wherein the filtering circuit further comprises one or more filtering units connected in parallel.

9. (Currently Amended) The LED tube lamp according to claim 1, wherein the positive conductive line includes a lengthwise portion formed at a first layer, and further comprising:

part of the positive conductive line and a plurality of additional conductive parts electrically connected to the positive conductive line, formed at a second layer, and extending between the first end of the LED tube lamp and the second end of the LED tube lamp.

~~...devices and/or methods as described in one or more of the embodiments herein.~~

10. (New) The LED tube lamp of claim 9, wherein the negative conductive line includes a lengthwise portion formed at the first layer, and further comprising:

part of the negative conductive line formed at the second layer and electrically connected to the plurality of additional conductive parts, such that the part of the negative conductive line and the plurality of additional conductive parts extend between the first end of the LED tube lamp and the second end of the LED tube lamp.

11. (New) The LED tube lamp of claim 10, further comprising:
a dielectric layer between the first layer and the second layer.
12. (New) The LED tube lamp of claim 10, wherein the positive conductive line is electrically connected to the positive lengthwise portion through a metal part extending between a hole in the positive conductive line and a hole in the positive lengthwise portion.
13. (New) The LED tube lamp of claim 10, wherein:
the lengthwise portion of the positive conductive line extends continuously from the first end of the LED tube lamp to the second end of the LED tube lamp, and
the lengthwise portion of the negative conductive line extends continuously from the first end of the LED tube lamp to the second end of the LED tube lamp.
Please modify the following claims accordingly, as needed. (BEE: Ok)
14. (New) The LED tube lamp of claim 13, wherein:
the part of the positive conductive line and the additional conductive parts extend discontinuously between the first end of the LED tube lamp and the second end of the LED tube lamp; and
the part of the negative conductive line and the additional conductive parts extend discontinuously between the first end of the LED tube lamp and the second end of the LED tube lamp.

15. (New) The LED tube lamp of claim 1, wherein the positive conductive line and negative conductive line are part of a bendable circuit sheet.

16. (New) The LED tube lamp of claim 1, wherein each of at least two first LEDs of the plurality of LEDs is connected to the positive conductive line without any other LEDs electrically connected therebetween, and at least two second LEDs of the plurality of LEDs are connected to the positive conductive line through the at least two first LEDs.

17. (New) The LED tube lamp of claim 1, wherein the LEDs are arranged in a line, some of the LEDs are connected to each other in series, and others of the LEDs are connected to each other in parallel.

18. (New) A light-emitting diode (LED) tube lamp, comprising:
a lamp tube, having a first pin and a second pin for receiving an external driving signal;
a first rectifying circuit, coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;
a filtering circuit, coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and
an LED driving module, coupled to the filtering circuit, to receive the filtered signal for emitting light,
wherein the LED driving module includes an LED module including:

a plurality of light emitting diodes (LEDs) arranged in a line extending in a lengthwise direction, and forming at least a first LED unit and a second LED unit,

wherein the first LED unit includes a first set of LEDs of the plurality of LEDs, the first set of LEDs arranged in series with respect to each other, and the second LED unit includes a second set of LEDs of the plurality of LEDs, the second set of LEDs arranged in series with respect to each other; and

wherein the first LED unit is connected in parallel with the second LED unit.

19. (New) The LED tube lamp of claim 18, further comprising:

a positive conductive line connected to the plurality of LEDs and extending in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp; and

a negative conductive line connected to the plurality of LEDs and extending in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp.

20. (New) The LED tube lamp of claim 19, wherein:

at least part of the positive conductive line and at least part of the negative conductive line are formed at a first layer;

the positive conductive line includes a hole in which a metal is formed, the metal connecting through a dielectric layer to a second conductive layer; and

the negative conductive line includes a hole in which a metal is formed, the metal connecting through the dielectric layer to the second conductive layer.

REMARKS

This is a response to the Office Action dated April 12, 2016. Claims 1 and 9 are amended, and claims 11-20 are new claims.

Claim 9 was rejected under 35 U.S.C. 112(b); claims 1-3 and 5-9 were rejected under 35 U.S.C. 102(a)(1) as being anticipated by Sadwick et al. (U.S. 2014/0265900, “Sadwick”); and claims 1 and 4 were rejected under 35 U.S.C. 102(a)(1) as being anticipated by Katzir et al. (2010/0102729, “Katzir”).¹ Claims 1 and 9 have been herein amended to overcome the pending claim rejections. In addition, claims 10-20 are new claims.

Example embodiments describing the claimed subject matter can be seen in Figs. 53A-53E and Fig. 54A of Applicant’s specification, and their corresponding description. Additional examples can be seen in Figs. 48, 49E, and their corresponding description. No new matter has been added.

Although the systems described by Sadwick and Katzir describe certain features related to Applicant’s invention, neither of these references describe the LED tube lamp currently recited in the claims.

As such, Applicant respectfully requests that the rejection of the claims be withdrawn, and that the claims be reconsidered for allowance at this time.

¹ Unless expressly stated herein, Applicant declines to necessarily subscribe to any of the Examiner’s characterizations of Applicant’s specification, the claims, or the prior art made in the Office Action.

CONCLUSION

The pending claims of this application are believed to be allowable over the cited art. Therefore, reconsideration for allowance of all claims in this application is respectfully requested.

Applicant encourages the Examiner to contact Applicant's representative to discuss potential allowable claim language, should the present claims not be allowed upon further review. Applicant's representative can be reached at the telephone number listed below.

In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

Date: July 11, 2016

/Bradley Edelman/

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Registration No. 57,648
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Fax: (703) 757-7447

Electronic Acknowledgement Receipt

EFS ID:	26306978
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Patrick Daniel Muir
Filer Authorized By:	
Attorney Docket Number:	SUP-101
Receipt Date:	11-JUL-2016
Filing Date:	25-SEP-2015
Time Stamp:	12:00:14
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		SUP-101_Response.pdf	88165	yes	10
			c7cd49a332a7e97b25911ca2520c3ec3724c3017		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	8
	Applicant Arguments/Remarks Made in an Amendment	9	10
Warnings:			
Information:			
Total Files Size (in bytes):		88165	
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.			

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			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ²	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US20100253226	10-07-2010	OKI et al.	
		US7067032	06-27-2006	Bremont et al.	
		US20110038146	02-17-2011	Zonglie Chen	
		US20120169968	07-05-2012	Ishimori et al.	
		US4647399	03-03-1987	Peters et al.	
		US20060028837	02-09-2006	Mrakovich et al.	
		US3294518	12-27-1966	Laseck Frank B	
		US6211262	04-03-2001	Mejiritski et al.	
		US20070001709	01-04-2007	Yu-Nung Shen	
		US6118072	09-12-2000	RICHARD SCOTT	
		US20120169968	07-05-2012	Ishimori et al.	
		US2016/0081147	03-17-2016	Luo Hua GUANG	
		US2011/0121756	05-26-2011	Thomas et al.	
		US2011/0057572	03-10-2011	Kit et al.	
		US2015/0173138	06-18-2015	General Electric Company	
		US2012/0299501	11-29-2012	Kost et al.	
		US9210744	10-24-2013	Carmen et al.	
		US2454049	11-16-1948	FLOYD JR GEORGE H	
		US20090159919	06-25-2009	Simon et al.	
		US7594738	09-29-2009	Lin et al.	
		US20120049684	03-01-2012	Bodenstein et al.	
		US20130021809	01-24-2013	Dellian et al.	
		US20130033881	02-07-2013	Terazawa et al.	
		US8456075	06-04-2013	Folke Axelsson	
		US20130250565	09-26-2013	Chiang et al.	
		US20110260614	10-27-2011	Hartikka et al.	
		US8749167	06-10-2014	Hsia et al.	
		US20140055029	02-27-2014	William Peter Mechtildis Marie Jans	
		US20160178135	06-23-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160178137	06-23-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160178138	06-23-2016	JIAXING SUPER	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	14/865,387
				Filing Date	September 25, 2015
				First Named Inventor	Tao Jiang
				Art Unit	2844
				Examiner Name	Anh Q. Tran
Sheet	2	of	3	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
				LIGHTING ELECTRIC APPLIANCE CO.	
		US20160198535	07-07-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		USD761216	07-12-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		20160212809	07-21-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		2016-0219666	07-28-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		2016-0219672	07-28-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		2016-0215936	07-28-2017	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		2016-0215937	07-28-2018	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		2016-0219658	07-28-2019	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CN203771102	08-13-2014	SUZHOU ARES INTERNAT CO LTD		Abstract
		CN203615157	05-28-2014	PANASONIC CORP		Abstract
		CN103851547	06-11-2014	OSRAM GMBH		Abstract
		CN102720901	10-10-2012	MENG YANG		Abstract
		CN102889446	01-23-2013	LI WENZHONG		Abstract
		CN102777788	11-14-2012	SUZHOU VELARIUM LANDSCAPE DECO		Abstract
		CN201437921	04-14-2010	SHENZHEN SEVEN COLOR STAR OPTOELECTRONICS TECHNOLOGY CO LTD		Abstract
		CN104776332	07-15-2015	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO LTD		Abstract

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				<i>Art Unit</i>	2844
				<i>Examiner Name</i>	Anh Q. Tran
Sheet	3	of	3	<i>Attorney Docket Number</i>	SUP-101

FOREIGN PATENT DOCUMENTS						
		CN204573639	08-19-2015	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO LTD		Abstract
		CN203363984	12-25-2013	SUNSUN LIGHTING CHINA CO LTD		Abstract
		JP2014154479	08-25-2014	EREBAMU KK		Abstract
		KR20120000551	01-20-2012	KOCOM. CO. LTD.		Abstract

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the listed documents on the attached SB/08 Form. This Information Disclosure Statement is being filed after a first office action on the merits of this application but before a final office action or notice of allowance. A fee of \$180 is being filed with this submission.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute “prior art”. If the Examiner applies any of the documents as prior art

against any claim in the application and Applicant determines that the cited documents do not constitute “prior art” under United States law, Applicant reserves the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

Bradley Edelman

Registration No. 57,648

Fax: (703) 757-7447

Tel: (703) 757-7449

MUIR PATENT LAW, PLLC.
9913 Georgetown Pike, Suite 200
P.O. Box 1213
Great Falls, VA 22066

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
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			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

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			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
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		2016-0219658	07-28-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	

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		CN103851547	06-11-2014	OSRAM GMBH		Abstract
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				<i>Art Unit</i>	2844
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		JP2014154479	08-25-2014	EREBAMU KK		Abstract
		KR20120000551	01-20-2012	KOCOM. CO. LTD.		Abstract

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials ⁷	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO Notes regarding this form:

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

CORRECTED INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Applicant notes that the Information Disclosure Statement filed on August 10, 2016 included some typographical errors. More specifically, the publication date for reference no. 2016-0215936 should be July 28, 2016 instead of July 28, 2017, the publication date for reference no. 2016-0215937 should be July 28, 2016 instead of July 28, 2018, and the publication date for reference no. 2016-0219658 should be July 28, 2016 instead of July 28, 2019. Applicant hereby submits a corrected SB08 listing the correct publication dates for the above-identified references.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

In the event any fees are required in connection with this paper, please charge the
Deposit Account No. 50-4574.

Respectfully submitted,

/Ali M. Imam/

Ali M. Imam

Registration No. 58,755

Fax: (703) 757-7447

Tel: (703) 757-7449

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Great Falls, VA 22066



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	09/25/2015	Tao Jiang	SUP-101	2702

74712 7590 10/12/2016
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

EXAMINER

TRAN, ANH Q

ART UNIT	PAPER NUMBER
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2844

NOTIFICATION DATE	DELIVERY MODE
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10/12/2016

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

pto@muirpatentconsulting.com
eofficeaction@apcoll.com

Office Action Summary	Application No. 14/865,387	Applicant(s) JIANG ET AL.	
	Examiner ANH TRAN	Art Unit 2844	AIA (First Inventor to File) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 7/11/16.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 1-20 is/are pending in the application.
5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) _____ is/are allowed.
- 7) ☒ Claim(s) 1-8 and 15-19 is/are rejected.
- 8) ☒ Claim(s) 9-14, 20 is/are objected to.
- 9) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☒ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date _____ | 4) ☐ Other: _____ |

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

DETAILED ACTION

Claim Rejections - 35 USC § 103

2. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

3. The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-8, 15-19 is/are rejected under 35 U.S.C. 103 as being unpatentable over Sadwick et al. (2014/0265900) in view of Moriyama et al. (7,380,961).

Claim 1, Sadwick shows a light-emitting diode (LED) tube lamp (figs. 2-5, 23-24), comprising a lamp tube (18), having a first pin (42 and 46) and a second pin (44 and 48) for receiving an external driving signal (12, 14, and 16); a first rectifying circuit (24, 40, figs. 2-5 or 366 and 318-324, figs. 23-24), coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal; a filtering circuit (capacitor 122, fig. 5 or inductor 370 and two capacitors 368 and 372, figs. 23-24), coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered

Art Unit: 2844

signal; and an LED driving module (50, fig. 5, or 326 and the rest of elements in the circuit of figs. 23-24), coupled to the filtering circuit, to receive the filtered signal for emitting light (64, fig. 5), wherein the LED driving module includes an LED module including: a plurality of light emitting diodes.

Sadwick fails to show an LED module including: a plurality of light emitting diodes (LEDs) arranged along a lengthwise direction, each LED connected between a positive conductive line and a negative conductive line, wherein the positive conductive line extends in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp, and wherein the negative conductive line extends in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp.

However, Moriyama shows an LED module (figs. 36, 39-43) including: a plurality of light emitting diodes (LEDs 102, figs. 36, 39 and 195, fig. 42a) arranged along a lengthwise direction, each LED connected between a positive conductive line (111, fig. 41) and a negative conductive line (112, fig. 41), wherein the positive conductive line extends in the lengthwise direction from a first end (193, fig. 41) of the LED tube lamp to a second (193, fig. 41), opposite end of the LED tube lamp, and wherein the negative conductive line extends in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp (see fig. 41).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the LED module of Sadwick with the LED module of

Art Unit: 2844

Moriyama, in order to provide easy selection of various light source connection patterns and yet can be manufactured with high production efficiency and low cost.

Claim 2, Sadwick shows the LED tube lamp according to claim 1, wherein the frequency of the external driving signal is in the range of 20 kHz - 30 kHz (Electronic ballasts typically designed for a constant current output in the frequency range of above 20 kHz to less than 100 kHz, P[0002]).

Claim 3, Sadwick shows the LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed respectively at two opposite ends of the lamp tube (see figs. 4, 5).

Claim 4, Sadwick shows the LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed at an end of the lamp tube (either end, see figs. 4, 5).

Claim 5, Sadwick shows the LED tube lamp according to claim 1, wherein the first rectifying circuit comprises a full-wave bridge rectifier circuit (24, 40, figs. 2-5 or 366 and 318-324, figs. 23-24 are full-wave bridge).

Claim 6, Sadwick shows the LED tube lamp according to claim 1, further comprising a second rectifying circuit (see 24, 40 of figs. 4-5 or 366 and 318-324 of figs. 23-24), configured for rectifying the external driving signal concurrently with the first rectifying circuit, and the lamp tube further has a third pin and a fourth pin (two pair of bi-pins are connected at both ends, see figs. 4-5) for receiving the external driving signal concurrently with the first and second pins.

Claim 7, Sadwick shows the LED tube lamp according to claim 1, wherein the filtering circuit further comprises a pi filter circuit (capacitors 368,372, and inductor 370 formed the pi filter circuit, figs. 23-24).

Claim 8, Sadwick shows the LED tube lamp according to claim 1, wherein the filtering circuit further comprises one (the two capacitors 122 are connected in parallel, see fig. 5) or more filtering units connected in parallel.

Claim 15, Sadwick in view of Moriyama shows the LED tube lamp of claim 1, wherein the positive conductive line and negative conductive line are part of a bendable circuit sheet (see figs. 38, 46).

Claim 16, Sadwick in view of Moriyama shows the LED tube lamp of claim 1, wherein each of at least two first LEDs (a first LED 102 in a series connection L1 and a first LED 102 in a series connection L2 in a series connection L2, see fig. 41) of the plurality of LEDs is connected to the positive conductive line (111) without any other LEDs electrically connected therebetween, and at least two second LEDs of the plurality of LEDs are connected to the positive conductive line through the at least two first LEDs (second LEDs 102 connected in series next to the first LEDs 102 in the series connection L1 and L2).

Claim 17, Sadwick in view of Moriyama shows the LED tube lamp of claim 1, wherein the LEDs are arranged in a line, some of the LEDs are connected to each other in series (LEDs 102 in series connection L1, L2, and Ln, fig. 41) and others of the LEDs are connected to each other in parallel (series connection L1, L2, and Ln are connected in parallel to each other, fig. 41 and also, see figs. 43a-43b).

Claim 18 is rejected as claim 1, furthermore, Sadwick in view of Moriyama shows wherein the LED driving module includes an LED module (figs. 36-43b) including:

a plurality of light emitting diodes (102) arranged in a line extending in a lengthwise direction (LEDs 102, figs. 36, 39) and forming at least a first LED unit (L1, fig. 41) and a second LED unit (L2, fig. 41), wherein the first LED unit includes a first set of LEDs of the plurality of LEDs, the first set of LEDs arranged in series with respect to each other (e.g. four LEDs 102 are connected in series in L1), and the second LED unit includes a second set of LEDs of the plurality of LEDs, the second set of LEDs arranged in series with respect to each other (e.g. four LEDs 102 are connected in series in L2); and wherein the first LED unit is connected in parallel with the second LED unit (L1 and L2 are connected in parallel, see fig. 41).

Claim 19, Sadwick in view of Moriyama shows the LED tube lamp of claim 18, further comprising: a positive conductive line (111, fig. 41) connected to the plurality of LEDs and extending in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp; and a negative conductive line (112) connected to the plurality of LEDs and extending in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp.

Allowable Subject Matter

1. Claims 9-14, 20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANH TRAN whose telephone number is (571)272-1813. The examiner can normally be reached on M-Th (8:00-6:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Taningco can be reached on 571-272-2048. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2844

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANH TRAN/

Primary Examiner, Art Unit 2844

9/29/16

Notice of References Cited	Application/Control No. 14/865,387		Applicant(s)/Patent Under Reexamination JIANG ET AL.	
	Examiner ANH TRAN		Art Unit 2844	Page 1 of 1

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	B	US-				
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
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*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known			
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					First Named Inventor	Tao Jiang
					Art Unit	2844
					Examiner Name	Anh Q. Tran
Sheet	1	of	2	Attorney Docket Number	SUP-101	

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
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				<i>First Named Inventor</i>	Tao Jiang
				<i>Art Unit</i>	2844
				<i>Examiner Name</i>	Anh Q. Tran
Sheet	2	of	2	<i>Attorney Docket Number</i>	SUP-101

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		European Search Report Application no. EP15178137 dated Feb. 1, 2016	
		European Search Report Application no. EP15178145 dated Dec. 15, 2015	
		UK Search Report Application no. GB1516993.1 dated Feb. 15, 2016	

Examiner Signature	/Anh Tran/	Date Considered	09/29/2016
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			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

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				Art Unit		2844	
				Examiner Name		Anh Q. Tran	
Sheet	2	of	3	Attorney Docket Number		SUP-101	

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				<i>Art Unit</i>	2844
				<i>Examiner Name</i>	Anh Q. Tran
Sheet	3	of	3	<i>Attorney Docket Number</i>	SUP-101

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Sheet	1	of	3	Attorney Docket Number	SUP-101

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Sheet	2	of	3	Attorney Docket Number	SUP-101

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Sheet	3	of	3	Attorney Docket Number		SUP-101	

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<i>Index of Claims</i> 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant				☐ CPA				☐ T.D.				☐ R.1.47			
CLAIM		DATE													
Final	Original	04/01/2016	09/29/2016												
	1	✓	✓												
	2	✓	✓												
	3	✓	✓												
	4	✓	✓												
	5	✓	✓												
	6	✓	✓												
	7	✓	✓												
	8	✓	✓												
	9	✓	O												
	10		O												
	11		O												
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	15		✓												
	16		✓												
	17		✓												
	18		✓												
	19		✓												
	20		O												

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	Examiner ANH TRAN	Art Unit 2844

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Symbol	Date	Examiner
HO5B\$/\$, F21V23/\$, F21S\$/ \$ text search- see printout	3/30/16	AT

CPC COMBINATION SETS - SEARCHED		
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US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
315, 362	all- text search- see printout	3/30/16	AT
315	all- tex search- see printout	9/28/16	AT

SEARCH NOTES			
Search Notes		Date	Examiner
east search- see printout		3/30/16	AT
east search- see printout		9/28/16	AT

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	jiang-tao.in. and li-ligin.in. and yang-xiaosu.in. and zhang-yuegiang.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 13:02
S2	40	US-20020044456-\$.DID. OR US-20020176262-\$.DID. OR US-20030102819-\$.DID. OR US-20030231485-\$.DID. OR US-20040095078-\$.DID. OR US-20040189218-\$.DID. OR US-20050128751-\$.DID. OR US-20050162850-\$.DID. OR US-20050207166-\$.DID. OR US-20050213321-\$.DID. OR US-20070001709-\$.DID. OR US-20070145915-\$.DID. OR US-20070210687-\$.DID. OR US-20070274084-\$.DID. OR US-20080030981-\$.DID. OR US-20080192476-\$.DID. OR US-20080278941-\$.DID. OR US-20090161359-\$.DID. OR US-20100253226-\$.DID. OR US-20110090684-\$.DID. OR US-20110148313-\$.DID. OR US-20110216538-\$.DID. OR US-20120069556-\$.DID. OR US-20120106157-\$.DID. OR US-20120153873-\$.DID. OR US-20130170245-\$.DID. OR US-20130182425-\$.DID. OR US-20130200797-\$.DID. OR US-20140071667-\$.DID. OR US-20140153231-\$.DID. OR US-20140226320-\$.DID. OR US-20150009688-\$.DID. OR US-5575459-\$.DID. OR US-5921660-\$.DID. OR US-6127783-\$.DID. OR US-6609813-\$.DID. OR US-6796680-\$.DID. OR US-7033239-\$.DID. OR US-8360599-\$.DID. OR US-8579463-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 13:05
S3	1	US-20140071667-\$.DID. OR WO-20151036478-\$.DID. OR WO-2013125803-\$.DID. OR WO-20111132120-\$.DID. OR WO-20141001475-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 13:46
S4	0	(("201100038146") or ("201200153873") or ("201300170245") or ("201400071667") or ("201500009688")	US-PGPUB; USPAT	OR	OFF	2016/03/31 13:49

		or ("201200235578") or ("201300050998") or ("201100057572")).PN.				
S5	8	((("20110038146") or ("20120153873") or ("20130170245") or ("20140071667") or ("20150009688") or ("20120235578") or ("20130050998") or ("20110057572")).PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 13:49
S8	1	("20110057572").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 14:11
S9	1	("8729809").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 14:12
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S11	148	(LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME (tube or tubul\$3) SAME pin SAME (rectif\$4 or recitific\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 14:28
S12	4	("20140028211" "7898237" "8525501" "9112426").PN. OR ("9288867").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 14:45
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S17	1	S14 AND ((LED.u/c. or (light adj emitting	US-PGPUB;	OR	OFF	2016/03/31

		adj diode) or (light-emitting adj diode)) SAME (tube or tubul\$3) SAME pin SAME (rectif\$4 or recitific\$4))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:23
S18	11	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME pin SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:24
S19	116	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:27
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"D538962"	"D548868"	"D553267"

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S23	29	315/\$.ccls. and ((pi NEAR2 filter\$3) SAME (rectif\$4 or rectific\$4))	US-PGPUB; USPAT	OR	OFF	2016/03/31 16:22
S24	12	(315/\$.ccls. or 362/\$.ccls.) AND (fluorescen\$4 adj2 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 16:40
S25	3040	(315/\$.ccls. or 362/\$.ccls.) AND (tub\$3 NEAR3 (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:49
S26	37	S25 and (pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:50
S27	1	("8749167").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 17:09
S28	13	("20100045187" "20100156324" "20110068703" "20110176297" "20120032610" "20120126703" "20120139421" "20120181952" "6525914" "7800316" "7994725" "8147091").PN. OR ("8749167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:10
S29	2	("8459831" "8749167").PN. OR ("9163818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:23
S30	54	S25 and ((pin or terminal or bi-pin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 17:27
S31	125388	H05B\$/\$.CPC. OR F21V23/\$.CPC. OR F21S\$/\$.CPC.	US-PGPUB; USPAT	OR	OFF	2016/03/31 18:27
S32	18	S31 AND (fluorescen\$4 NEAR3 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 18:30
S33	1665	S31 AND ((fluorescen\$4 NEAR3 tub\$4) SAME (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR;	OR	OFF	2016/03/31 18:36

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S35	52	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 18:38
S36	3	US-7049761-\$.D.I.D. OR US-20050162100-\$.D.I.D. OR US-20020015297-\$.D.I.D.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:47
S37	2	US-7049761-\$.D.I.D. OR US-20050201098-\$.D.I.D.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:48
S38	158	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 18:50
S39	17	("20080197786" "20080253122" "20090091929" "20100289428" "20110019433" "20110149564" "20120043909" "6762562" "7053557" "7488086" "7507001" "8147091" "8319433" "8322878").PN. OR ("8531109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:25
S40	261	315/\$.ccls. and anh	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:37
S41	4	("20050162101" "20070223225" "20110057572" "20120062114").PN. OR ("8659241").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:42
S42	1	("8638037").PN.	USPAT; USOCR	OR	OFF	2016/09/27 14:26
S43	6	("20090154156" "20100072507" "7201511" "7380961").PN. OR ("8638037").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:27
S44	10	("20090154156" "20090321758" "20100072507" "20100252848" "20130037845" "7201511" "7380961" "8089140" "8319245" "8638037").PN. OR ("9099332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:31
S45	3	("20070059867" "5461255").PN. OR ("8089140").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:33
S46	10	("20060001116" "20080012125" "20080116549" "20080123328" "4266140" "4616250" "4893169" "5208481").PN. OR ("8319245").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:34
S49	25	("4173035" "5404282" "5519596" "5746497" "6386733" "6422716" "6450663" "6483623").PN. OR ("7380961").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:03
S50	6	("20080067526" "20100007817"	US-PGPUB;	OR	OFF	2016/09/27

		"3351409" "7377787" "7380961").PN. OR ("8979307").URPN.	USPAT; USOCR			15:06
S51	6	("5404282" "5559681" "6074074" "6641943" "7380961" "7397529").PN. OR ("8635769").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:14
S52	70	("4439818" "5018055" "5084804" "5404282").PN. OR ("5519596").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:18
S53	52	("20010024368" "5519596" "5660461" "6345902" "6386733").PN. OR ("7201511").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:34
S54	7	("20050239342" "20080272390" "20090213583" "20140259654" "6005333" "7201511" "9129832").PN. OR ("9374909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:36
S55	19	("20020158261" "20030189829" "20030218689" "3914786" "5059373" "6483623" "6495860" "6498440" "6547416" "6552368" "6621223" "6936855" "7002546" "7161190" "7201511" "7317181").PN. OR ("8168989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:45
S56	23946	((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light)) SAME (LED.u/c. or (light adj emitting adj diode) or (light- emitting adj diode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/09/27 15:57
S57	363	S56 AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME ((lead adj1 frame) or leadframe or lead-frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 15:59
S58	0	S57 AND ((positive NEAR1 (conductor or lead or line)) SAME (negative NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:21
S59	0	S57 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:22
S60	59	S56 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:22
S61	67	S56 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line or trace)) SAME ((negative or	US-PGPUB; USPAT; USOCR;	OR	ON	2016/09/27 16:37

		reference or ground or trace) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame or substrate))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S64	406	(LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME ((positive or power or suppl\$3) NEAR1 (conductor or lead or line or trace)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line or trace)) SAME (layer or board or PCB.u/c. or frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:43
S65	29	S64 AND ((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:44
S70	59	("20070254694" "20070275750" "20090026978" "20090157309" "20090171571" "20090284366" "20100208236" "20110069951" "20110105134" "20110153201" "20110176803" "6198230" "6400482" "6426599" "6504633" "6548967" "6614126" "6794831" "6865347" "6954591" "7016115" "7309965" "7415212" "7583901" "7683954" "7969297" "7970537" "7973819").PN. OR ("8248467").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 17:21
S71	8	((("8638037") or ("7380961") or ("8979307") or ("8635769") or ("8657468") or ("9374909") or ("9207491") or ("9190587")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:31
S72	6	("20090154156" "20100072507" "7201511" "7380961").PN. OR ("8638037").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:33
S73	10	("20090154156" "20090321758" "20100072507" "20100252848" "20130037845" "7201511" "7380961" "8089140" "8319245" "8638037").PN. OR ("9099332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:35
S74	3	("20070059867" "5461255").PN. OR ("8089140").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:37
S75	121	("3967366" "4417266" "4587548" "4796078" "4801999" "4811081" "4891687" "5070390" "5146312" "5206536" "5252854").PN. OR ("5461255").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:38
S76	10	("20060001116" "20080012125" "20080116549" "20080123328" "4266140" "4616250" "4893169" "5208481").PN. OR ("8319245").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 11:40
S77	0	((("20120102729") or ("20140265900")).PN.	USPAT; USOCR	OR	OFF	2016/09/29 15:01
S78	2	((("20120102729") or ("20140265900")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/29 15:01

EAST Search History (Interference)

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9/ 29/ 2016 5:21:44 PM

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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)

Application Number	14865387	Filing Date	2015-09-25	Docket Number (if applicable)	SUP-101	Art Unit	2844
First Named Inventor	Tao Jiang			Examiner Name	Ahn Q. Tran		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____.
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

Signature of Registered U.S. Patent Practitioner			
Signature	/Bradley Edelman/	Date (YYYY-MM-DD)	2016-10-25
Name	Bradley Edelman	Registration Number	57648

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	JIANG et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

AMENDMENT FILED WITH RCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

This amendment is filed in response to the Office Action of Final Office Action of October 12, 2016, and is being filed with an RCE.

Amendments to the claims appear below.

Remarks follow the amendment sections of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims, in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A light-emitting diode (LED) tube lamp, comprising:
a lamp tube, having a first pin and a second pin for receiving an external driving signal;
a first rectifying circuit, coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;
a filtering circuit, coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and
an LED driving module, coupled to the filtering circuit, to receive the filtered signal for emitting light, wherein the LED driving module includes an LED module including:
a plurality of light emitting diodes (LEDs) arranged along a lengthwise direction, each LED connected between a positive conductive line and a negative conductive line, wherein the positive conductive line extends in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp, and

wherein the negative conductive line extends in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp, and at least one of the positive conductive line and the negative conductive line are formed in different layers.

2. (Original) The LED tube lamp according to claim 1, wherein the frequency of the external driving signal is in the range of 20 kHz – 30 kHz.
3. (Original) The LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed respectively at two opposite ends of the lamp tube.
4. (Original) The LED tube lamp according to claim 1, wherein the first pin and the second pin are disposed at an end of the lamp tube.
5. (Original) The LED tube lamp according to claim 1, wherein the first rectifying circuit comprises a full-wave bridge rectifier circuit.
6. (Original) The LED tube lamp according to claim 1, further comprising a second rectifying circuit, configured for rectifying the external driving signal concurrently with the first rectifying circuit, and the lamp tube further has a third pin and a fourth pin for receiving the external driving signal concurrently with the first and second pins.

7. (Original) The LED tube lamp according to claim 1, wherein the filtering circuit further comprises a pi filter circuit.

8. (Original) The LED tube lamp according to claim 1, wherein the filtering circuit further comprises one or more filtering units connected in parallel.

9. (Currently amended) A light-emitting diode (LED) tube lamp, comprising:
a lamp tube, having a first pin and a second pin for receiving an external driving
signal;
a first rectifying circuit, coupled to the first and second pins, for rectifying the
external driving signal to produce a rectified signal;
a filtering circuit, coupled to the first rectifying circuit, for filtering the rectified
signal to produce a filtered signal; and
an LED driving module, coupled to the filtering circuit, to receive the filtered
signal for emitting light, wherein the LED driving module includes an LED module
including:
a plurality of light emitting diodes (LEDs) arranged along a lengthwise direction,
each LED connected between a positive conductive line and a negative conductive line,
wherein the positive conductive line extends in the lengthwise direction from a first end of
the LED tube lamp to a second, opposite end of the LED tube lamp,

wherein the negative conductive line extends in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp, and ~~The LED tube lamp according to claim 1,~~

wherein the positive conductive line includes a lengthwise portion formed at a first layer, and further comprising:

part of the positive conductive line and a plurality of additional conductive parts electrically connected to the positive conductive line, formed at a second layer, and extending between the first end of the LED tube lamp and the second end of the LED tube lamp.

10. (Previously Presented) The LED tube lamp of claim 9, wherein the negative conductive line includes a lengthwise portion formed at the first layer, and further comprising:

part of the negative conductive line formed at the second layer and electrically connected to the plurality of additional conductive parts, such that the part of the negative conductive line and the plurality of additional conductive parts extend between the first end of the LED tube lamp and the second end of the LED tube lamp.

11. (Previously Presented) The LED tube lamp of claim 10, further comprising:
a dielectric layer between the first layer and the second layer.

12. (Previously Presented) The LED tube lamp of claim 10, wherein the positive conductive line is electrically connected to the positive lengthwise portion through a metal part extending between a hole in the positive conductive line and a hole in the positive lengthwise portion.

13. (Previously Presented) The LED tube lamp of claim 10, wherein:
the lengthwise portion of the positive conductive line extends continuously from the first end of the LED tube lamp to the second end of the LED tube lamp, and
the lengthwise portion of the negative conductive line extends continuously from the first end of the LED tube lamp to the second end of the LED tube lamp.

14. (Previously Presented) The LED tube lamp of claim 13, wherein:
the part of the positive conductive line and the additional conductive parts extend discontinuously between the first end of the LED tube lamp and the second end of the LED tube lamp; and
the part of the negative conductive line and the additional conductive parts extend discontinuously between the first end of the LED tube lamp and the second end of the LED tube lamp.

15. (Previously Presented) The LED tube lamp of claim 1, wherein the positive conductive line and negative conductive line are part of a bendable circuit sheet.

16. (Previously Presented) The LED tube lamp of claim 1, wherein each of at least two first LEDs of the plurality of LEDs is connected to the positive conductive line without any other LEDs electrically connected therebetween, and at least two second LEDs of the plurality of LEDs are connected to the positive conductive line through the at least two first LEDs.

17. (Previously Presented) The LED tube lamp of claim 1, wherein the LEDs are arranged in a line, some of the LEDs are connected to each other in series, and others of the LEDs are connected to each other in parallel.

18. (Currently amended) A light-emitting diode (LED) tube lamp, comprising:
a lamp tube, having a first pin and a second pin for receiving an external driving signal;
a first rectifying circuit, coupled to the first and second pins, for rectifying the external driving signal to produce a rectified signal;
a filtering circuit, coupled to the first rectifying circuit, for filtering the rectified signal to produce a filtered signal; and
an LED driving module, coupled to the filtering circuit, to receive the filtered signal for emitting light,
wherein the LED driving module includes an LED module including:
a plurality of light emitting diodes (LEDs) arranged in a line extending in a lengthwise direction, and forming at least a first LED unit and a second LED unit,

wherein the first LED unit includes a first set of LEDs of the plurality of LEDs, the first set of LEDs arranged in series with respect to each other, and the second LED unit includes a second set of LEDs of the plurality of LEDs, the second set of LEDs arranged in series with respect to each other; and

wherein the first LED unit is connected in parallel with the second LED unit, and further comprising:

a positive conductive line connected to the plurality of LEDs and extending in the lengthwise direction from a first end of the LED tube lamp to a second, opposite end of the LED tube lamp; and

a negative conductive line connected to the plurality of LEDs and extending in the lengthwise direction from the first end of the LED tube lamp to the second end of the LED tube lamp,

wherein:

at least part of the positive conductive line and at least part of the negative conductive line are formed at a first layer;

the positive conductive line includes a hole in which a metal is formed, the metal connecting through a dielectric layer to a second conductive layer; and

the negative conductive line includes a hole in which a metal is formed, the metal connecting through the dielectric layer to the second conductive layer.

19. (Canceled)

20. (Canceled)

21. (New) A light-emitting diode (LED) tube lamp, comprising:

a lamp tube, having a first pin and a second pin for receiving an external driving signal;

a first rectifying circuit, coupled to the first and second pins, and configured to rectify the external driving signal to produce a rectified signal;

a filtering circuit, coupled to the first rectifying circuit, and configured to filter the rectified signal to produce a filtered signal; and

an LED lighting module coupled to the filtering circuit, the LED lighting module including an LED module, wherein the LED lighting module is configured to receive the filtered signal and generate a driving signal, and the LED module is configured to receive the driving signal to emit light,

wherein the LED module includes a plurality of LEDs formed in a first direction on an LED light strip, and

wherein the LED light strip includes at least a first pad connected to the filtering circuit, and at least a through hole adjacent to the first pad.

22. (New) The LED tube lamp of claim 9, wherein the first layer is connected to a circuit board bearing the filtering circuit and in an end cap of the LED tube lamp, for connecting the lengthwise portion to the circuit board.

23. (New) The LED tube lamp of claim 9, wherein the second layer is of a bendable or flexible light strip on which the LEDs are formed.

24. (New) The LED tube lamp of claim 23, wherein at least some electronic components of a power supply module of the LED tube lamp are disposed on the bendable or flexible light strip.

25. (New) The LED tube lamp of claim 9, wherein the part of the positive conductive line in the second layer has a via point and the lengthwise portion in the first layer has another via point, which two via points are for connecting the part of the positive conductive line and the lengthwise portion.

26. (New) The LED tube lamp of claim 18, wherein the second conductive layer is connected to a circuit board bearing the filtering circuit and in an end cap of the LED tube lamp, for connecting the second conductive layer to the circuit board.

27. (New) The LED tube lamp of claim 18, wherein the first layer is of a bendable or flexible light strip on which the LEDs are formed.

28. (New) The LED tube lamp of claim 27, wherein at least some electronic components of a power supply module of the LED tube lamp are disposed on the bendable or flexible light strip.

REMARKS

This is a response to the Office Action dated October 12, 2016, and is being filed with an RCE. Claims 1, 9, and 18 are amended, and claims 21-28 are new claims. Claims 19-20 have been canceled.

By this amendment, independent claims 1 and 18 have been amended, claim 9 has been placed in independent form, and independent claim 21 and dependent claims 22-28 are new claims. It is believed that the pending claims are allowable over the cited art. In particular, with regard to claim 1, none of the cited references are believed to disclose, within the context of claim 1, that “at least one of the positive conductive line and the negative conductive line are formed in different layers.” Claim 9 was indicated to include allowable subject matter so it has been placed in independent form to be allowable. Similarly, claim 20, which depended from claims 19 and 18, was also indicated to include allowable subject matter so the subject matter of previously pending claims 19 and 20 has been incorporated into claim 18. As such, claim 18 is also believed to be allowable.

Claim 21 is a new claim, also believed to be patentable over the cited references.

As such, Applicant respectfully requests that the rejection of the claims be withdrawn, and that the claims be reconsidered for allowance at this time.

CONCLUSION

The pending claims of this application are believed to be allowable over the cited art. Therefore, reconsideration for allowance of all claims in this application is respectfully requested.

Applicant encourages the Examiner to contact Applicant's representative to discuss potential allowable claim language, should the present claims not be allowed upon further review. Applicant's representative can be reached at the telephone number listed below.

An RCE fee is being paid with this submission. In addition, an IDS is being filed herewith.

In the event any additional fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

Date: October 25, 2016

/Bradley Edelman/

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Suite 200, PO Box 1213
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	Jiang et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the listed documents on the attached SB/08 Form. This Information Disclosure Statement is being filed concurrently with the filing of an RCE in this application.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form. Applicant also reminds the Examiner that all documents cited in this application shall be considered for all continuation or continuation-in-part applications claiming priority to this application, pursuant to MPEP 609.02.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute “prior art”. If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute “prior art” under United States law, Applicant reserves the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In the event any fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

Bradley Edelman

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Great Falls, VA 22066

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ²	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US20130320869	12-05-2013	William Peter Mechtildis Marie Jans	
		US20160081147	03-17-2016	Luo Hua GUANG	
		US20110176297	07-21-2011	Hsia et al.	
		US20100220469	09-02-2010	Ivey et al.	
		US20120300445	11-29-2012	Chu et al.	
		US20150176770	06-25-2015	Wilcox et al.	
		US20100096976	04-22-2010	Myung Koo Park	
		US20140239827	08-28-2014	Myung Koo PARK	
		US20160223182A1	08-04-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160223180A1	08-04-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160229621A1	08-11-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160255694A1	09-01-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160255699A1	09-01-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270184A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270165A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270164A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270166A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270173A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270163A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US9447929	09-20-2016	JIAXING SUPER	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known			
				Application Number		14/865,387	
				Filing Date		September 25, 2015	
				First Named Inventor		Tao Jiang	
				Art Unit		2844	
				Examiner Name		Anh Q. Tran	
Sheet	2	of	3	Attorney Docket Number		SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
				LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290598	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290609	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290567	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290568	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290569	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290566	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290570	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160295706	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		USD768891	10-11-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CN104735873	06-24-2015	JINGSAM ILLUMINATION CO LTD		Abstract
		CN203585876U	05-07-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203453866U	02-26-2014	Zhejiang Super Lighting Electric		Abstract

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	14/865,387
				Filing Date	September 25, 2015
				First Named Inventor	Tao Jiang
				Art Unit	2844
				Examiner Name	Anh Q. Tran
Sheet	3	of	3	Attorney Docket Number	SUP-101

FOREIGN PATENT DOCUMENTS						
				Appliance Co., Ltd		
		CN203240337U	10-16-2013	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203384716U	01-08-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203413396U	01-29-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		PCT International Search Report, International Application No. PCT/CN2016/090175, October 9, 2016.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

To:

314000

IP Dep. Hu chunxia, No.1288 Jiachuang Rd.
Xiuzhou Area, Jiaxing, Zhejiang, China, Jiaxing,
Zhejiang, China

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE
CO., LTD

Date of mailing(*day/month/year*)

09. Oct. 2016 (09. 10. 2016)

Applicant's or agent's file reference

S16056WOUA01

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/CN2016/090175

International filing date (*day/month/year*)

15. Jul. 2016 (15. 07. 2016)

Applicant

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70

For more detailed instructions, see *PCT Applicant's Guide*, International Phase, paragraphs 9.004 – 9.011.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to any protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with any request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established.

Following the expiration of 30 months from the priority date, these comments will also be made available to the public.

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90*bis*.1 and 90*bis*.3).

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the *PCT Applicant's Guide*, National Chapters.

STATE INTELLECTUAL PROPERTY OFFICE OF THE
P.R.CHINA(ISA/CN)
6,Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088
Facsimile No. (86—10) 62019451

Authorized officer

ZHAO, Zhimin

Telephone No.:

(86—10) 62413274

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, paragraph 296).

What parts of the international application may be amended ?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When ? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments ?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How ? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet or sheets containing a complete set of claims in replacement of all the claims previously filed must be submitted.

Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively in Arabic numerals (Section 205(a)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments ?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
“Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added.”
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
“Claims 1 to 15 replaced by amended claims 1 to 11.”
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
“Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added.” or
“Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged.”
4. [Where various kinds of amendments are made]:
“Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added.”

“Statement under Article 19(1)” (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words “Statement under Article 19(1).”

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1*bis*(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43*bis*.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the *PCT Applicant's Guide*, National Chapters.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S16056W0UA01	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below;	
International application No. PCT/CN2016/090175	International filing date <i>(day/month/year)</i> 15 Jul. 2016 (15. 07. 2016)	(Earliest)Priority date <i>(day/month/year)</i> 20 Jul. 2015 (20. 07. 2015)
Applicant JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of <u>5</u> sheets. ☐ It is also accompanied by a copy of each prior art document cited in this report.		
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of: ☒ the international application in the language in which it was filed ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)) b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)). c. ☐ With regard to any nucleotide and /or amino acid sequence disclosed in the international application, see Box No. I. 2. ☐ Certain claims were found unsearchable (see Box No. II) 3. ☐ Unity of invention is lacking (see Box No. III) 4. With regard to the title, ☒ the text is approved as submitted by the applicant. ☐ the text has been established by this Authority to read as follows: 5. With regard to the abstract, ☐ the text is approved as submitted by the applicant. ☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regard to the drawings, a. The figure of the drawings to be published with the abstract is Figure No.23A ☒ as suggested by the applicant ☐ as selected by this Authority, because the applicant failed to suggest a figure ☐ as selected by this Authority, because this figure better characterizes the invention b. ☐ none of the figures is to be published with the abstract		

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An LED tube lamp is disclosed that includes a lamp tube (1); two external connection terminals (511, 512) coupled to the lamp tube (1) for receiving an external driving signal; a rectifying circuit (510) for rectifying the external driving signal to produce a rectified signal; a ballast interface circuit (1510) configured to detect a state of a property of the rectified signal, for selectively determining on performing a first mode or a second mode of lighting according to the state of the property; and an LED module (530) for emitting light which comprises an LED unit (632) comprising an LED. When the LED tube lamp (1) performs the first mode, the ballast interface circuit (1510) allows continual current to flow through the LED unit (632) until the external driving signal is disconnected from the LED tube lamp (1). When the LED tube lamp (1) performs the second mode, the ballast interface circuit (1510) regulates the continuity of current to flow through the LED unit (632).

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2016/090175**A. CLASSIFICATION OF SUBJECT MATTER**

H05B 37/02 (2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H05B F21Y

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPDOC;WPI;CNKI;CNPAT: ballast, rectif-, detect+, mode

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 104735873A (SHENZHEN JINXING LUMENS TECHNOLOGY CO., LTD.) 24 Jun.2015(24.06.2015) see description paragraphs [0019]- [0037], figures 1-5	1-4
A	CN 101352105A (GENERAL ELECTRIC CO.) 21 Jan.2009(21.01.2009) the whole document	1-4
A	US 2015195889A1 (DELTA ELECTRONICS, INC.) 09 Jul.2015(09.07.2015) the whole document	1-4
A	CN 103563490A (GENERAL ELECTRIC CO.) 05 Feb.2014(05.02.2014) the whole document	1-4
A	US 2011291592A1 (OSRAM SYLVANIA INC.) 01 Dec.2011(01.12.2011) the whole document	1-4

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2016/090175

* Special categories of cited documents: “A” document defining the general state of the art which is not considered to be of particular relevance “E” earlier application or patent but published on or after the international filing date “L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified) “O” document referring to an oral disclosure, use, exhibition or other means “P” document published prior to the international filing date but later than the priority date claimed	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention “X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone “Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art “&” document member of the same patent family
Date of the actual completion of the international search 14 Sep. 2016 (14. 09. 2016)	Date of mailing of the international search report 09 Oct. 2016 (09. 10. 2016)
Name and mailing address of the ISA/CN STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.CHINA 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088, China Facsimile No. (86-10) 62019451	Authorized officer ZHAO, Zhimin Telephone No.: (86-10) 62413274

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2016/090175

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN104735873A	24.06.2015	None	
CN101352105A	21.01.2009	US2007152601A1	05.07.2007
		WO2007078911A3	23.08.2007
		JP2009522727A	11.06.2009
		WO2007078911A2	12.07.2007
		EP1969906A2	17.09.2008
		US7323827B2	29.01.2008
		CN101352105B	14.11.2012
US2015195889A1	09.07.2015	TWI513372B	11.12.2015
		TW201528880A	16.07.2015
		US9232619B2	05.01.2016
CN103563490A	05.02.2014	WO2012151712A1	15.11.2012
		US8896209B2	25.11.2014
		WO2012151712A8	05.12.2013
		CN103563490B	16.09.2015
		US2014055033A1	27.02.2014
US2011291592A1	01.12.2011	US8436548B2	07.05.2013
		CA2799412A1	01.12.2011
		WO2011149866A2	01.12.2011
		EP2578064A2	10.04.2013
		KR20130046400A	07.05.2013
		JP2013527577A	27.06.2013
		WO2011149863A2	01.12.2011
		CN102907178A	30.01.2013



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

74712 7590 11/14/2016
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

EXAMINER

TRAN, ANH Q

ART UNIT

PAPER NUMBER

2844

DATE MAILED: 11/14/2016

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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14/865,387

09/25/2015

Tao Jiang

SUP-101

2702

TITLE OF INVENTION: LED TUBE LAMP

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	02/14/2017

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

74712 7590 11/14/2016
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	09/25/2015	Tao Jiang	SUP-101	2702

TITLE OF INVENTION: LED TUBE LAMP

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	02/14/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, ANH Q	2844	315-201000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____ (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____ 3 _____
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
☐ Applicant asserting small entity status. See 37 CFR 1.27
☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____
Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	09/25/2015	Tao Jiang	SUP-101	2702
74712	7590	11/14/2016	EXAMINER	
Muir Patent Law, PLLC			TRAN, ANH Q	
P.O. Box 1213			ART UNIT	PAPER NUMBER
9913 Georgetown Pike, Suite 200			2844	
Great Falls, VA 22066				

DATE MAILED: 11/14/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<i>Notice Requiring Inventor's Oath or Declaration</i>	Application No. 14/865,387	Applicant(s) Tao Jiang	
	Examiner TRAN, ANH Q	Art Unit 2844	

This notice is an attachment to the Notice of Allowability (PTOL-37), or the Notice of Allowability For A Design Application (PTOL-37D).

An inventor's oath or declaration in compliance with 37 CFR 1.63 or 1.64 executed by or with respect to each inventor has not yet been submitted.

An oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each inventor (for any inventor for which a compliant oath, declaration, or substitute statement has not yet been submitted) **MUST** be filed no later than the date on which the issue fee is paid. See 35 U.S.C. 115(f). Failure to timely comply will result in ABANDONMENT of this application.

A properly executed inventor's oath to declaration has not been received for the following inventor(s):

If applicant previously filed one or more oaths, declarations, or substitute statements, applicant may have received an informational notice regarding deficiencies therein.

The following deficiencies are noted:

INFORMAL ACTION PROBLEMS

- A properly executed inventor's oath or declaration has not been received for the following inventor(s): **Tao Jiang, Liqin Li, Xiaosu Yang, Jun Yang, Yueqiang Zhang, Cheng Wang, Chang Yang, Bao Wang , Nobutaka Ota, Xiao Sun, Aiming Xiong, Hechen Hu, Qifeng Ye, Xintong Liu, Changwei Hu, Guohai Yao, Zhangyong Xiang, Shauliang Chen, Dingkai Wang, and Wen-Jang Jiang.**
Applicant may submit the inventor's oath or declaration at any time before the Notice of Allowance and Fee(s) Due, PTOL-85, is mailed.

Questions relating to this Notice should be directed to the Application Assistance Unit at 571-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 14/865,387	Applicant(s) JIANG ET AL.	
	Examiner ANH TRAN	Art Unit 2844	AIA (First Inventor to File) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/25/16.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-18 and 21-28. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☒ All b) ☐ Some *c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. ☐ Notice of References Cited (PTO-892) | 5. ☐ Examiner's Amendment/Comment |
| 2. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. ☒ Examiner's Statement of Reasons for Allowance |
| 3. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. ☐ Other _____. |
| 4. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

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1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

DETAILED ACTION

Allowable Subject Matter

2. Claims 1-18, 21-28 are allowed.
3. The following is an examiner's statement of reasons for allowance: with respect to claims 1, 9, 18, and 21, in addition to other limitations in the claims, the prior art of record fails to teach, disclose or render obvious the applicant's invention as claimed, particularly the feature describing:

Claim 1, at least one of the positive conductive line and the negative conductive line are formed in different layers.

Claim 9, part of the positive conductive line and a plurality of additional conductive parts electrically connected to the positive conductive line, formed at a second layer, and extending between the first end of the LED tube lamp and the second end of the LED tube lamp.

Claim 18, at least part of the positive conductive line and at least part of the negative conductive line are formed at a first layer, the positive conductive line includes a hole in which a metal is formed, the metal connecting through a dielectric layer to a second conductive layer, and the negative conductive line includes a hole in which a metal is formed, the metal connecting through the dielectric layer to the second conductive layer.

Claim 21, wherein the LED light strip includes at least a first pad connected to the filtering circuit, and at least a through hole adjacent to the first pad.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANH TRAN whose telephone number is (571)272-1813. The examiner can normally be reached on M-Th (8:00-6:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Taningco can be reached on 571-272-2048. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2844

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANH TRAN/
Primary Examiner, Art Unit 2844
11/04/16

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known			
					Application Number	14/865,387
					Filing Date	September 25, 2015
					First Named Inventor	Tao Jiang
					Art Unit	2844
					Examiner Name	Anh Q. Tran
Sheet	1	of	3	Attorney Docket Number	SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ²	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US20130320869	12-05-2013	William Peter Mechtildis Marie Jans	
		US20160081147	03-17-2016	Luo Hua GUANG	
		US20110176297	07-21-2011	Hsia et al.	
		US20100220469	09-02-2010	Ivey et al.	
		US20120300445	11-29-2012	Chu et al.	
		US20150176770	06-25-2015	Wilcox et al.	
		US20100096976	04-22-2010	Myung Koo Park	
		US20140239827	08-28-2014	Myung Koo PARK	
		US20160223182A1	08-04-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160223180A1	08-04-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160229621A1	08-11-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160255694A1	09-01-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160255699A1	09-01-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270184A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270165A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270164A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270166A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270173A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160270163A1	09-15-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US9447929	09-20-2016	JIAXING SUPER	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known			
					Application Number	14/865,387
					Filing Date	September 25, 2015
					First Named Inventor	Tao Jiang
					Art Unit	2844
					Examiner Name	Anh Q. Tran
Sheet	2	of	3	Attorney Docket Number	SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

				LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290598	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290609	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290567	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290568	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160290569	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
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		US20160290570	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		US20160295706	10-06-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	
		USD768891	10-11-2016	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CN104735873	06-24-2015	JINGSAM ILLUMINATION CO LTD		Abstract
		CN203585876U	05-07-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203453866U	02-26-2014	Zhejiang Super Lighting Electric		Abstract

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known			
				Application Number		14/865,387	
				Filing Date		September 25, 2015	
				First Named Inventor		Tao Jiang	
				Art Unit		2844	
				Examiner Name		Anh Q. Tran	
Sheet	3	of	3	Attorney Docket Number		SUP-101	

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				Appliance Co., Ltd		
		CN203240337U	10-16-2013	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203384716U	01-08-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203413396U	01-29-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		PCT International Search Report, International Application No. PCT/CN2016/090175, October 9, 2016.	

Examiner Signature	/Anh Tran/	Date Considered	11/04/2016
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Issue Classification 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.	
	Examiner ANH TRAN	Art Unit 2844	

CPC						
Symbol					Type	Version
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F21Y		2103	/	003	A	2013-01-01
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F21V		3	/	0418	I	2013-01-01
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Issue Classification 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

☐ Claims renumbered in the same order as presented by applicant															
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(Primary Examiner)	(Date)	1	53E

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light)) AND ((rectif\$4 or rectific\$4) SAME filter\$3 SAME((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) NEAR2 (strip or board or PCB.u/c. or (print\$3 adj2 board))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/11/04 15:04
L2	27	("20080231204" "20090261706" "20100019689" "20100214779" "20100232154" "20110006688" "20110121756" "20120153865" "20120161666" "20120229040" "20140001970" "20140104824" "6283612" "6853151" "7441922" "7478924" "7488086" "7507001" "7877226" "8083373" "8096683" "8319433" "8330381" "8358056" "8668361" "8678610").PN. OR ("9338853").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/11/04 15:08
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L4	27	L3 AND (((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) NEAR2 (strip or board or PCB.u/c. or (print\$3 adj2 board))) SAME (((through adj1 hole) or via) WITH pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/11/04 15:42
L5	0	L3 AND (((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) NEAR2 (strip or board or PCB.u/c. or (print\$3 adj2 board))) SAME ((positive or power or supply) adj1 (conductor or trace or line)) SAME ((negative or ground) adj1 (conductor or trace or line)) SAME layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/11/04 15:49
L6	0	L3 AND ((strip or board or PCB.u/c. or (print\$3 adj2 board)) SAME ((positive or power or supply) adj1 (conductor or trace or line)) SAME ((negative or ground) adj1 (conductor or trace or line)) SAME layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/11/04 15:51
L7	0	L3 AND ((strip or board or PCB.u/c. or (print\$3 adj2 board)) SAME ((positive or	US-PGPUB; USPAT;	OR	ON	2016/11/04 15:51

		power or supply) adj1 (conductor or trace or line)) SAME ((negative or ground) adj1 (conductor or trace or line)))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1	0	jiang-tao.in. and li-ligin.in. and yang-xiaosu.in. and zhang-yuegiang.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 13:02
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S18	11	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME pin SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:24
S19	116	S14 AND (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) AND ((tube or tubul\$3 or hous\$3 or case) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 15:27
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S23	29	315/\$.ccls. and ((pi NEAR2 filter\$3) SAME (rectif\$4 or rectific\$4))	US-PGPUB; USPAT	OR	OFF	2016/03/31 16:22
S24	12	(315/\$.ccls. or 362/\$.ccls.) AND (fluorescen\$4 adj2 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 16:40
S25	3040	(315/\$.ccls. or 362/\$.ccls.) AND (tub\$3 NEAR3 (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:49
S26	37	S25 and (pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 16:50
S27	1	("8749167").PN.	US-PGPUB; USPAT	OR	OFF	2016/03/31 17:09
S28	13	("20100045187" "20100156324" "20110068703" "20110176297" "20120032610" "20120126703" "20120139421" "20120181952" "6525914" "7800316" "7994725" "8147091").PN. OR ("8749167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:10
S29	2	("8459831" "8749167").PN. OR ("9163818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 17:23
S30	54	S25 and ((pin or terminal or bi-pin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 17:27
S31	125388	H05B\$/\$.CPC. OR F21V23/\$.CPC. OR F21S\$/\$.CPC.	US-PGPUB; USPAT	OR	OFF	2016/03/31 18:27
S32	18	S31 AND (fluorescen\$4 NEAR3 tub\$4) AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME pin SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 18:30
S33	1665	S31 AND ((fluorescen\$4 NEAR3 tub\$4) SAME (LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/31 18:36
S35	52	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4) SAME filter\$4)	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/31 18:38

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S36	3	US-7049761-\$.DID. OR US-20050162100-\$.DID. OR US-20020015297-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:47
S37	2	US-7049761-\$.DID. OR US-20050201098-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 18:48
S38	158	S33 and ((pin or bi-pin or bipin) SAME (rectif\$4 or recitific\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/31 18:50
S39	17	("20080197786" "20080253122" "20090091929" "20100289428" "20110019433" "20110149564" "20120043909" "6762562" "7053557" "7488086" "7507001" "8147091" "8319433" "8322878").PN. OR ("8531109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:25
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S41	4	("20050162101" "20070223225" "20110057572" "20120062114").PN. OR ("8659241").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/03/31 20:42
S42	1	("8638037").PN.	USPAT; USOCR	OR	OFF	2016/09/27 14:26
S43	6	("20090154156" "20100072507" "7201511" "7380961").PN. OR ("8638037").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:27
S44	10	("20090154156" "20090321758" "20100072507" "20100252848" "20130037845" "7201511" "7380961" "8089140" "8319245" "8638037").PN. OR ("9099332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:31
S45	3	("20070059867" "5461255").PN. OR ("8089140").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 14:33
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S49	25	("4173035" "5404282" "5519596" "5746497" "6386733" "6422716" "6450663" "6483623").PN. OR ("7380961").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:03
S50	6	("20080067526" "20100007817" "3351409" "7377787" "7380961").PN. OR ("8979307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:06
S51	6	("5404282" "5559681" "6074074" "6641943" "7380961" "7397529").PN. OR ("8635769").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:14
S52	70	("4439818" "5018055" "5084804"	US-PGPUB;	OR	OFF	2016/09/27

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S53	52	("20010024368" "5519596" "5660461" "6345902" "6386733").PN. OR ("7201511").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:34
S54	7	("20050239342" "20080272390" "20090213583" "20140259654" "6005333" "7201511" "9129832").PN. OR ("9374909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:36
S55	19	("20020158261" "20030189829" "20030218689" "3914786" "5059373" "6483623" "6495860" "6498440" "6547416" "6552368" "6621223" "6936855" "7002546" "7161190" "7201511" "7317181").PN. OR ("8168989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 15:45
S56	23946	((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light)) SAME (LED.u/c. or (light adj emitting adj diode) or (light- emitting adj diode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/09/27 15:57
S57	363	S56 AND ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME ((lead adj1 frame) or leadframe or lead-frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 15:59
S58	0	S57 AND ((positive NEAR1 (conductor or lead or line)) SAME (negative NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:21
S59	0	S57 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:22
S60	59	S56 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:22
S61	67	S56 AND (((positive or power or suppl\$3) NEAR1 (conductor or lead or line or trace)) SAME ((negative or reference or ground or trace) NEAR1 (conductor or lead or line)) SAME (layer or board or PCB.u/c. or frame or substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:37
S64	406	(LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) SAME	US-PGPUB; USPAT;	OR	ON	2016/09/27 16:43

		((positive or power or suppl\$3) NEAR1 (conductor or lead or line or trace)) SAME ((negative or reference or ground) NEAR1 (conductor or lead or line or trace)) SAME (layer or board or PCB.u/c. or frame)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S65	29	S64 AND ((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/27 16:44
S70	59	("20070254694" "20070275750" "20090026978" "20090157309" "20090171571" "20090284366" "20100208236" "20110069951" "20110105134" "20110153201" "20110176803" "6198230" "6400482" "6426599" "6504633" "6548967" "6614126" "6794831" "6865347" "6954591" "7016115" "7309965" "7415212" "7583901" "7683954" "7969297" "7970537" "7973819").PN. OR ("8248467").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/09/27 17:21

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	0	((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light)) AND ((rectif\$4 or rectific\$4) SAME filter\$3 SAME ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) NEAR2 (strip or board or PCB.u/c. or (print\$3 adj2 board))) SAME (((through adj1 hole) or via) WITH pad))	US-PGPUB; USPAT	OR	ON	2016/11/04 15:55
L24	0	((tub\$4 or straight or retrofit\$4 or replacement or flourescen\$4) ADJ2 (lamp or bulb or light)) AND ((rectif\$4 or rectific\$4) SAME filter\$3 SAME ((LED.u/c. or (light adj emitting adj diode) or (light-emitting adj diode)) NEAR2 (strip or board or PCB.u/c. or (print\$3 adj2 board))) SAME (((through adj1 hole) or via) WITH pad))	US-PGPUB; USPAT	OR	ON	2016/11/04 16:54

11/ 4/ 2016 5:53:40 PM
C:\ Users\ atran1\ Documents\ EAST\ Workspaces\ 14865387.wsp

Index of Claims 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant		☐ CPA		☐ T.D.		☐ R.1.47			
CLAIM		DATE							
Final	Original	04/01/2016	09/29/2016	11/04/2016					
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Search Notes 	Application/Control No. 14865387	Applicant(s)/Patent Under Reexamination JIANG ET AL.
	Examiner ANH TRAN	Art Unit 2844

CPC- SEARCHED		
Symbol	Date	Examiner
HO5B\$/\$, F21V23/\$, F21S\$/ \$ text search- see printout	3/30/16	AT

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
315, 362	all- text search- see printout	3/30/16	AT
315	all- tex search- see printout	9/28/16	AT

SEARCH NOTES		
Search Notes	Date	Examiner
east search- see printout	3/30/16	AT
east search- see printout	9/28/16	AT
east search (update)- see printout	11/4/16	AT

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
all	all- text search- see printout	11/4/16	AT

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BIB DATA SHEET

CONFIRMATION NO. 2702

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
14/865,387	09/25/2015	315	2844	SUP-101
RULE				
APPLICANTS JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, Jiaxing, CHINA;				
INVENTORS Tao Jiang, Jiaxing, CHINA; Liqin Li, Jiaxing, CHINA; Xiaosu Yang, Hangzhou, CHINA; Jun Yang, Shanghai, CHINA; Yueqiang Zhang, Jiaxing, CHINA; Cheng Wang, Jiaxing, CHINA; Chang Yang, Jiaxing, CHINA; Bao Wang, Shanghai, CHINA; Nobutaka Ota, Okayama County, JAPAN; Xiao Sun, Shanghai, CHINA; Aiming Xiong, Jiaxing, CHINA; Hechen Hu, Jiaxing, CHINA; Qifeng Ye, Jiaxing, CHINA; Xintong Liu, Jiaxing, CHINA; Changwei Hu, Jiaxing, CHINA; Guohai Yao, Zhuji, CHINA; Zhangyong Xiang, Jiaxing, CHINA; Shauliang Chen, Taoyuan City, TAIWAN; Dingkai Wang, New Taipei City, TAIWAN; Wen-Jang Jiang, Hsinchu City, TAIWAN;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
CHINA 201410507660.9 09/28/2014 CHINA 201410508899.8 09/28/2014 CHINA 201410623355.6 11/06/2014 CHINA 201410734425.5 12/05/2014 CHINA 201510075925.7 02/12/2015 CHINA 201510104823.3 03/10/2015 CHINA 201510134586.5 03/26/2015 CHINA 201510133689.X 03/25/2015 CHINA 201510136796.8 03/27/2015 CHINA 201510173861.4 04/14/2015 CHINA 201510155807.7 04/03/2015 CHINA 201510193980.6 04/22/2015 CHINA 201510372375.5 06/26/2015 CHINA 201510259151.3 05/19/2015 CHINA 201510268927.8 05/22/2015 CHINA 201510284720.X 05/29/2015 CHINA 201510338027.6 06/17/2015 CHINA 201510315636.X 06/10/2015				

/AT/

CORRECTED ADS FORM

Application Number	14865387
Title of Invention	LED TUBE LAMP

Inventor Information

****If no data is shown, no data has been corrected****

	Data of Record	Updated Data
Order Number	1	
Name	Tao Jiang	

Residence Information

Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	

Mailing Address of Inventor

Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	10	
Name	Xiao Sun	
Residence Information		
Residency	non-us-residency	
City	Shanghai	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	11	
Name	Aiming Xiong	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	12	
Name	Hechen Hu	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area;	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	13	
Name	Qifeng Ye	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	14	
Name	Xintong Liu	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	15	
Name	Changwei Hu	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area;	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	16	
Name	Guohai Yao	
Residence Information		
Residency	non-us-residency	
City	Zhuji	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	17	
Name	Zhangyong Xiang	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area;	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	18	
Name	Shauliang Chen	
Residence Information		
Residency	non-us residency	
City	Taoyuan City	
State		
Country of Residence	TW	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	19	
Name	Dingkai Wang	
Residence Information		
Residency	non-us-residency	
City	New Taipei City	
State		
Country of Residence	TW	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	2	
Name	Liqin Li	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	20	
Name	Wen Jang Jiang	
Residence Information		
Residency	non-us-residency	
City	Hsinchu City	
State		
Country of Residence	TW	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	3	
Name	Xiaosu Yang	
Residence Information		
Residency	non-us-residency	
City	Hangzhou	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	4	
Name	Jun Yang	
Residence Information		
Residency	non-us-residency	
City	Shanghai	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	5	
Name	Yueqiang Zhang	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area;	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	6	
Name	Cheng Wang	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area;	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	7	
Name	Chang Yang	
Residence Information		
Residency	non-us-residency	
City	Jiaxing	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	8	
Name	Bao Wang	
Residence Information		
Residency	non-us-residency	
City	Shanghai	
State		
Country of Residence	CN	
Mailing Address of Inventor		
Address 1	No.1288 Jiachuang Rd. Xiuzhou Area,	
Address 2	Jiaxing City, Zhejiang, China	
City,State/Province, Postal Code	Jiaxing City	
Country	CN	

	Data of Record	Updated Data
Order Number	9	
Name	Nobutaka Ota	

Residence Information

Residency	non-us-residency	
City	Okayama County	
State		
Country of Residence	JP	

Mailing Address of Inventor

Address 1		
Address 2		
City,State/Province, Postal Code		
Country		

Application Information

	Data of Record	Updated Data
Title of Invention	LED TUBE LAMP	
Attorney Docket Number	SUP-101	
Entity Type	Regular Undiscounted	

Domestic Benefit/National Stage Information

****If no data is shown, no data has been corrected****

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121,365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S. C. 119(e) or 120, and 37 CFR 1.78(a).

		Data of Record	Updated Data
	Prior Application Status		
	Application Number		
	Continuity Type		
	Prior Application Number		
	Filing Date (YYYY-MM-DD)		
	Patent Number		
	Issue Date (YYYY-MM-DD)		

Foreign Priority Information

****If no data is shown, no data has been corrected****

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

		Data of Record	Updated Data
	Application Number		
	Country		
	Filing Date		
	Access Code		

Applicant Information

****If no data is shown, no data has been corrected****

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

	Data of Record	Updated Data
Applicant Type		

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is		
Name of the Deceased or Legally Incapacitated Inventor		
Applicant is an Organization		
Name		
Organization Name		
Address 1		
Address 2		
City,State/Province,Postal Code		
Country		
Phone Number		
Fax Number		
Email Address		

Assignee Information including Non-Applicant Assignee Information

****If no data is shown, no data has been corrected****

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office

	Data of Record	Updated Data
Order		
Applicant is an Organization		
Name		

Organization Name		
-------------------	--	--

Mailing Address

Address 1		
Address 2		
City,State/Province,Postal Code		
Country		
Phone Number		
Fax Number		
Email Address		

Signature

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Bradley Edelman/	Registration Number	57648
First Name	Bradley	Last Name	Edelman

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: JIANG et al. Attorney Docket: SUP-101
Serial Number: 14/865,387 Group Art Unit: 2844
Filed: September 25, 2015 Examiner: Anh Q. Tran
Confirmation Number: 2702

Title: LED TUBE LAMP

**RULE 48 REQUEST TO CORRECT INVENTORSHIP AND FOR A FILING RECEIPT
CORRECTION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

This is a request for a filing receipt correction and to correct inventorship in this application. Please change the listed inventors as indicted in the concurrently filed electronic ADS.

A fee of \$600 is being submitted herewith. In the event any additional fees are required in connection with this paper, please charge the Deposit Account No. 50-4574.

Respectfully submitted,

/Bradley Edelman/

MUIR PATENT LAW, PLLC.
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

Bradley Edelman
Registration No. 57,648
Tel: (703) 757-7449
Fax: (703) 757-7447

Electronic Patent Application Fee Transmittal

Application Number:	14865387			
Filing Date:	25-Sep-2015			
Title of Invention:	LED TUBE LAMP			
First Named Inventor/Applicant Name:				
Filer:	Bradley E. Edelman			
Attorney Docket Number:	SUP-101			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
CORRECTION OF INVENTORSHIP ON MERITS	1819	1	600	600
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				600

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM¹

The undersigned acknowledge that this document is being used both as an assignment of
the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned inventors have invented:

Title: LED TUBE LAMP

for which Inventors are about to make or have made a United States or International
application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

- ☐ The attached U.S. non-provisional patent application, or
- ☒ U.S. non-provisional patent application number 14/865,387, filed on
September 25, 2015, or
- ☐ PCT international patent application number _____, filed on
_____.

The above-identified application was made or authorized to be made by me (us).

¹ This form requires the use of an Application Data Sheet.

S15036US

Attorney Ref No.

SUP-101

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

I (we) hereby acknowledge that any willful 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.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of good and valuable consideration paid to each of the undersigned, collectively referred to in Section II as Assignors in this section, hereby sell(s) and assign(s) to

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD.

having an address at **No.1288 Jiachuang Rd. Xiuzhou Area, Jiaxing, Zhejiang, China** (hereinafter designated in this section as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including

S15036US

Attorney Ref No.

SUP-101

reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of **Muir Patent Law, PLLC**, the power to insert on this Declaration and Assignment any further identification or formal correction which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for filing and recordation of this document.

S15036US

Attorney Ref No.

SUP-101

inventor(s)/Assignor(s) Signature(s) for Section II.

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Jiang	Tao	
SIGNATURE <u>Jiang Tao</u> DATE <u>2/10/2017</u>			

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Yang	Chang	
SIGNATURE <u>Yang Chang</u> DATE <u>2/10/2017</u>			

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Xiong	Aiming	
SIGNATURE <u>Aiming</u> DATE <u>2/12/2017</u>			

S15036US

Attorney Ref No.

SUP-101

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Ye	Qifeng	
SIGNATURE <u>Ye Qifeng</u> DATE <u>2/13/2017</u>			

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Liu	Xintong	
SIGNATURE <u>Liu Xintong</u> DATE <u>2/10/2017</u>			

S15036US

Attorney Ref No.

SUP-101

Electronic Acknowledgement Receipt

EFS ID:	28347944
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman
Filer Authorized By:	
Attorney Docket Number:	SUP-101
Receipt Date:	14-FEB-2017
Filing Date:	25-SEP-2015
Time Stamp:	11:50:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	S15036US_signed.pdf	1169560	no	5
			3afd14828b38712ca9fb2c447dbfcff1c8c7bfe3		

Warnings:

Information:	
Total Files Size (in bytes):	1169560
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

Electronic Patent Application Fee Transmittal

Application Number:	14865387			
Filing Date:	25-Sep-2015			
Title of Invention:	LED TUBE LAMP			
First Named Inventor/Applicant Name:	Tao Jiang			
Filer:	Bradley E. Edelman			
Attorney Docket Number:	SUP-101			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
PROCESSING FEE, EXCEPT PROV. APPLS.	1830	1	140	140
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				140

Electronic Acknowledgement Receipt

EFS ID:	28351396
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman
Filer Authorized By:	
Attorney Docket Number:	SUP-101
Receipt Date:	14-FEB-2017
Filing Date:	25-SEP-2015
Time Stamp:	14:40:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 140
RAM confirmation Number	021517INTEFSW14405400
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Fee Worksheet (SB06)	fee-info.pdf	30314	no	2
			c5107d9cae3653e62f49dd8d92132f0d44c07e1a		

Warnings:**Information:**

Total Files Size (in bytes):	30314
-------------------------------------	-------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Muir Patent Law, PLLC
 9913 Georgetown Pike, Suite 200
 P.O. Box 1213
 Great Falls, VA 22066

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	09/25/2015	Tao Jiang	SUP-101	2702

TITLE OF INVENTION:

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	no	960	0	960	02/14/2017
EXAMINER	ART UNIT	CLASS-SUBCLASS			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Muir Patent Law, PLLC

2. _

3. _

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Jiaxing Super Lighting Electric Appliance Co., Ltd.

No. 1288 Jiachuang Rd. Xiuzhou Area

Jiaxing, Zhejiang, People's Republic of China

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-4574

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Bradley Edelman/

Date February 14, 2017

Typed or printed name Bradley Edelman

Registration No. 57,648

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
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www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/865,387	09/25/2015	2844	3520	SUP-101	9	2

CONFIRMATION NO. 2702

UPDATED FILING RECEIPT



0000000089202196

74712
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

Date Mailed: 02/15/2017

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Tao Jiang, Jiaxing, CHINA;
Chang Yang, Jiaxing, CHINA;
Aiming Xiong, Jiaxing, CHINA;
Qifeng Ye, Jiaxing, CHINA;
Xintong Liu, Jiaxing, CHINA;

Applicant(s)

JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, Jiaxing, CHINA;

Power of Attorney: The patent practitioners associated with Customer Number 74712

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

CHINA 201410507660.9 09/28/2014
CHINA 201410508899.8 09/28/2014
CHINA 201410623355.6 11/06/2014
CHINA 201410734425.5 12/05/2014
CHINA 201510075925.7 02/12/2015
CHINA 201510104823.3 03/10/2015
CHINA 201510134586.5 03/26/2015
CHINA 201510133689.X 03/25/2015
CHINA 201510136796.8 03/27/2015
CHINA 201510173861.4 04/14/2015

CHINA 201510155807.7 04/03/2015
CHINA 201510193980.6 04/22/2015
CHINA 201510372375.5 06/26/2015
CHINA 201510259151.3 05/19/2015
CHINA 201510268927.8 05/22/2015
CHINA 201510284720.X 05/29/2015
CHINA 201510338027.6 06/17/2015
CHINA 201510315636.X 06/10/2015
CHINA 201510373492.3 06/26/2015
CHINA 201510364735.7 06/26/2015
CHINA 201510378322.4 06/29/2015
CHINA 201510391910.1 07/02/2015
CHINA 201510406595.5 07/10/2015
CHINA 201510482944.1 08/07/2015
CHINA 201510486115.0 08/08/2015
CHINA 201510428680.1 07/20/2015
CHINA 201510483475.5 08/08/2015
CHINA 201510555543.4 09/02/2015
CHINA 201510557717.0 09/06/2015
CHINA 201510595173.7 09/18/2015

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

Request to Retrieve - This application either claims priority to one or more applications filed in an intellectual property Office that participates in the Priority Document Exchange (PDX) program or contains a proper **Request to Retrieve Electronic Priority Application(s)** (PTO/SB/38 or its equivalent). Consequently, the USPTO will attempt to electronically retrieve these priority documents.

If Required, Foreign Filing License Granted:

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/865,387**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

LED TUBE LAMP

Preliminary Class

315

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/865,387	09/25/2015	Tao Jiang	SUP-101

74712
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

CONFIRMATION NO. 2702
37 CFR 1.48 ACKNOWLEDGEMENT
LETTER



OC000000089202197

Date Mailed: 02/15/2017

NOTICE OF ACCEPTANCE OF REQUEST UNDER 37 CFR 1.48(a)

This is in response to the applicant's request under 37 CFR 1.48(a) submitted on 02/09/2017.

The request under 37 CFR 1.48(a) to correct the inventorship, to correct or update the name of an inventor, or to correct the order of names of joint inventors is accepted.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/ctuazon/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	JIANG et al.	Attorney Docket:	SUP-101
Serial Number:	14/865,387	Group Art Unit:	2844
Filed:	September 25, 2015	Examiner:	Anh Q. Tran
Confirmation Number:	2702		

Title: LED TUBE LAMP

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir/Madam:

Please refund \$140.00 to the Deposit Account No. 504574 in connection with the above application. A \$140.00 fee was charged to the credit card of the below-named practitioner on February 15, 2017, indicated as Fee Code 1830. This was in connection with a change in inventorship request filed February 10, 2017. However, the \$140.00 had already been automatically withdrawn from Deposit Account 504574 on February 14, 2017 for the same required fee.

Therefore, Applicant hereby requests a refund of the \$140.00 paid on February 15, 2017.

Respectfully submitted,

Date: February 15, 2017

/Bradley Edelman/

MUIR PATENT LAW, PLLC.
9913 Georgetown Pike
Suite 200, PO Box 1213
Great Falls, VA 22066

Bradley Edelman
Registration No. 57,648
Tel: (703) 757-7449
Fax: (703) 757-7447

Electronic Acknowledgement Receipt

EFS ID:	28360306
Application Number:	14865387
International Application Number:	
Confirmation Number:	2702
Title of Invention:	LED TUBE LAMP
First Named Inventor/Applicant Name:	Tao Jiang
Customer Number:	74712
Filer:	Bradley E. Edelman
Filer Authorized By:	
Attorney Docket Number:	SUP-101
Receipt Date:	15-FEB-2017
Filing Date:	25-SEP-2015
Time Stamp:	11:23:38
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Refund Request	SUP-101_Req_for_Refund.pdf	57875	no	2
			d2157e46967b77df186de837ec5220f48b3c1362		

Warnings:

Information:	
Total Files Size (in bytes):	57875
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known			
					Application Number	14/865,387
					Filing Date	September 25, 2015
					First Named Inventor	Tao Jiang
					Art Unit	2844
					Examiner Name	Anh Q. Tran
Sheet	2	of	3	Attorney Docket Number	SUP-101	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

				LIGHTING ELECTRIC APPLIANCE CO.	
Change(s) applied to document, /C.H.J./ 11/21/2016		US20160290598	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang
		US20160290609	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160290567	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160290568	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160290569	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160290566	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160290570	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160295706	10-06-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang
		USD768891	10-11-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CN104735873	06-24-2015	JINGSAM ILLUMINATION CO LTD		Abstract
		CN203585876U	05-07-2014	Zhejiang Super Lighting Electric Appliance Co., Ltd		Abstract
		CN203453866U	02-26-2014	Zhejiang Super Lighting Electric		Abstract

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials ²	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US20130320869	12-05-2013	William Peter Mechtildis Marie Jans	
		US20160081147	03-17-2016	Luo Hua GUANG	
		US20110176297	07-21-2011	Hsia et al.	
		US20100220469	09-02-2010	Ivey et al.	
		US20120300445	11-29-2012	Chu et al.	
		US20150176770	06-25-2015	Wilcox et al.	
		US20100096976	04-22-2010	Myung Koo Park	
		US20140239827	08-28-2014	Myung Koo PARK	
		US20160223182A1	08-04-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang
		US20160223180A1	08-04-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang
		US20160229621A1	08-11-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160255694A1	09-01-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Jiang et al.
		US20160255699A1	09-01-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Ye et al.
		US20160270184A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Xiong et al.
		US20160270165A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Xiong et al.
		US20160270164A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Xiong et al.
		US20160270166A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Xiong et al.
		US20160270173A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Xiong
		US20160270163A1	09-15-2016	~~JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.~~	Hu et al.
		US9447929	09-20-2016	~~JIAXING SUPER~~	Jiang

Change(s) applied
to document,
/C.H.J./
11/21/2016

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	2	of	3	Attorney Docket Number	SUP-101

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

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Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	3	Attorney Docket Number	SUP-101

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Change(s) applied
to document,
/C.H.J./
11/21/2016

Change(s) applied
to document,
/S.L./
11/30/2016

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	14/865,387	
			Filing Date	September 25, 2015	
			First Named Inventor	Tao Jiang	
			Art Unit	2844	
			Examiner Name	Anh Q. Tran	
Sheet	1	of	2	Attorney Docket Number	SUP-101

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Application Serial No. 14/865,387
Request for Refund

Customer No. 74,712
Attorney Docket No. SUP-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: JIANG et al. Attorney Docket: SUP-101
Serial Number: 14/865,387 Group Art Unit: 2844
Filed: September 25, 2015 Examiner: Anh Q. Tran
Confirmation Number: 2702

Title: LED TUBE LAMP

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

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Dear Sir/Madam:

Please refund \$140.00 to the Deposit Account No. 504574 in connection with the above application. A \$140.00 fee was charged to the credit card of the below-named practitioner on February 15, 2017, indicated as Fee Code 1830. This was in connection with a change in inventorship request filed February 10, 2017. However, the \$140.00 had already been automatically withdrawn from Deposit Account 504574 on February 14, 2017 for the same required fee.

Therefore, Applicant hereby requests a refund of the \$140.00 paid on February 15, 2017.

Adjustment date: 03/07/2017 SDIRETA1
02/14/2017 RTEKLENT 00000009 504574 14865387
01 FC:1830 140.00 CR

Application Serial No. 14/865,387
Request for Refund

Customer No. 74,712
Attorney Docket No. SUP-101

Respectfully submitted,

Date: February 15, 2017

/Bradley Edelman/

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/865,387	03/28/2017	9609711	SUP-101	2702

74712 7590 03/08/2017
Muir Patent Law, PLLC
P.O. Box 1213
9913 Georgetown Pike, Suite 200
Great Falls, VA 22066

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

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Chang Yang, Jiaying, CHINA;
Aiming Xiong, Jiaying, CHINA;
Qifeng Ye, Jiaying, CHINA;
Xintong Liu, Jiaying, CHINA;

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