

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5997063

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LEDCOMM LLC	02/20/2020
RECEIVING PARTY DATA	
Name:	HEAVY DUTY LIGHTING LLC
Street Address:	1708 HARRINGTON DR
City:	PLANO
State/Country:	TEXAS
Postal Code:	75075
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	12827319
Application Number:	13254070
Application Number:	13011124
Application Number:	13799373
Application Number:	14217701
Application Number:	14627239
Application Number:	14674624
Application Number:	15187945
Application Number:	15587759
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Address Line 2:	SUITE 500
Address Line 4:	DALLAS, TEXAS 75231
NAME OF SUBMITTER:	HAO NI
SIGNATURE:	/Hao Ni/

PATENT

DATE SIGNED:	03/04/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Patent Assignment LedComm to Heavy Duty#page1.tif source=Patent Assignment LedComm to Heavy Duty#page2.tif source=Patent Assignment LedComm to Heavy Duty#page3.tif source=Patent Assignment LedComm to Heavy Duty#page4.tif source=Patent Assignment LedComm to Heavy Duty#page5.tif source=Patent Assignment LedComm to Heavy Duty#page6.tif	

PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT (the "Agreement"), is made and entered into this 20th day of February, 2020 (the "Effective Date"), by and between LedComm LLC, a limited liability corporation organized under the laws of Texas ("Assignor") and Heavy Duty Lighting LLC, a limited liability company organized under the laws of Texas ("Assignee") (each a "Party" and collectively the "Parties").

WHEREAS, Assignor is the sole owner of all rights, title and interest in and to the inventions (the "Inventions") as described and claimed in the United States and foreign patents and patent application as listed on Schedule A (United States patent properties) and Schedule B (foreign patent properties) hereto (collectively the "Patents");

NOW, THEREFORE, in consideration of the mutual covenants and agreements of the Parties and pursuant to the Purchase Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed as follows:

I. ASSIGNMENT

1. Assignor hereby sells, transfers, assigns and sets over to Assignee all rights, title and interest (for all countries) in and to the Inventions and the Patents, and all the rights and privileges under any letters patent that may be granted under any continuations, divisions, reissues, reexaminations, renewals and extensions therefor and thereon and all continuations, divisions, reissues, reexaminations, renewals and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for said Inventions and Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the Inventions and the Patents under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, copyrights and designs which may hereafter be filed for said Inventions or Patents in any country or countries, together with the right to file such applications; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates, copyrights and designs which may be granted for said Invention and/or Patent in any country or countries and all extensions, renewals and reissues thereof.

2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

3. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining patents for the Inventions in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

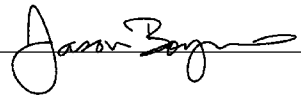
4. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the Inventions, the benefit of the right of priority provided by the International Convention for the Protection

of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

5. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

6. All of the rights, title and interest in and to the Inventions and the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

Assignor
LedComm LLC

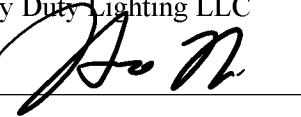
By: 

Name: Jason Bourgeois

Its: Member

Date: 2/24/2020

Assignee
Heavy Duty Lighting LLC

By: 

Name: Hao Ni

Its: Member

Date: 2/20/20

Schedule A

U.S. Patent Properties

Patent Number/Publication Number	App. Number	Title
US8399899	12/827319	Light Emitting Device
US20110001156 A1	12/827319	Light Emitting Device and Method for Manufacturing Same
US8575630	13/254070	Light emitting device, light emitting device unit, and method for fabricating light emitting device
US20110316011 A1	13/254070	Light Emitting Device, Light Emitting Device Unit, and Method for Fabricating Light Emitting Device
US8421094	13/011124	Light Emitting Device
US8723195	13/799373	Light emitting device with plurality of LED chips and/or electrode wiring pattern
US9093357	14/217701	Light Emitting Device
US9312304	14/627239	LED illuminating device comprising light emitting device including LED chips on single substrate
US9425236	14/674624	Light Emitting Device
US9679942	15/187945	Light Emitting Device
US9966367	15/587759	Light Emitting Device
US20110180817 A1	13/011124	Light Emitting Device
US20130193462 A1	13/799373	Light Emitting Device
US20140197433 A1	14/217701	Light Emitting Device
US20150171141 A1	14/627239	Light Emitting Device
US20150207048 A1	14/674624	Light Emitting Device
US20160300882 A1	15/187945	Light Emitting Device
US20170243859 A1	15/587759	Light Emitting Device

Schedule B.1
China Patent Properties

Publication Number	App. Number	Title
CN104091798 B	CN201410234294 A	LED Bulb
CN104465633 B	CN201410680688 A	Light Emitting Device
CN102157506 B	CN201110025234 A	Light Emitting Device
CN104091798 A	CN201410234294 A	LED Electric Bulb
CN102157506 A	CN201110025234 A	Light emitting device
CN104465633 A	CN201410680688 A	Light emitting device
CN101944565 B	CN201010218429 A	Light emitting device and method for manufacturing same
CN101944565 A	CN201010218429 A	Light emitting device and method for manufacturing same
CN102334201 B	CN201080009510 A	Light-emitting apparatus, light-emitting apparatus unit, and light-emitting apparatus production method
CN102334201 A	CN201080009510 A	Light-emitting apparatus, light-emitting apparatus unit, and light-emitting apparatus production method

Schedule B.2

Japan Patent Properties

Publication Number	Application Number	Title
JP2011151268 A	JP2010000012486	LIGHT-EMITTING DEVICE
JP5726409 B2	JP2009157133A	A manufacturing method of a luminescent device and a luminescent device
JP2011014695 A	JP2009000157133	LIGHT EMITTING DEVICE, AND METHOD FOR MANUFACTURING SAME
JP5283539 B2	JP2009049634A	A luminescent device, a luminescent device unit, and a luminescent device manufacturing method
JP2010205920 A	JP2009000049634	LIGHT EMITTING DEVICE, LIGHT EMITTING DEVICE UNIT, AND METHOD OF MANUFACTURING LIGHT EMITTING DEVICE