

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5687654

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STANLEY MAYER	10/11/2018
NICHOLAS CALACETO	10/11/2018
WENGANG GAO	10/11/2018
BRIAN KIM	08/24/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAB LIGHTING INC.
<b>Street Address:</b>	170 LUDLOW AVENUE
<b>City:</b>	NORTHVALE
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07647
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16118954
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)237-3900
<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>	
<b>Phone:</b>	317-237-3800
<b>Email:</b>	pstallwood@fbtlaw.com
<b>Correspondent Name:</b>	FROST BROWN TODD LLC
<b>Address Line 1:</b>	201 NORTH ILLINOIS STREET
<b>Address Line 2:</b>	SUITE 1900
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46244-0961
<b>ATTORNEY DOCKET NUMBER:</b>	RABL-293-US-0715785
<b>NAME OF SUBMITTER:</b>	PATRICIA E. STALLWOOD
<b>SIGNATURE:</b>	/Patricia E. Stallwood/
<b>DATE SIGNED:</b>	08/27/2019
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

Stanley Mayer of Middletown, New York, US  
Nicholas Calaceto of Mahwah, New Jersey, US  
Wengang Gao of Ningbo, CN  
Brian Kim of Palisades Park, New Jersey, US

hereinafter referred to (either singularly or collectively as appropriate) as the "Assignor" has created certain items of intellectual property in

### APPARATUSES AND METHODS FOR EFFICIENTLY DIRECTING LIGHT TOWARD AND AWAY FROM A MOUNTING SURFACE

which includes proprietary information, various forms of intellectual property, for example, inventions, patents, copyrights, and/or trade secrets, hereinafter referred to as the "Intellectual Property," created by the Assignor and as, at least in part, disclosed, described, claimed, and/or intended to be in

United States or PCT International Patent Application No. 16/118,954,  
which was filed on August 31, 2018.

hereinafter referred to as the "Application."

For good, valuable and sufficient consideration to the Assignor, the receipt of which is hereby acknowledged, the Assignor does hereby grant, assign, sell and transfer to

RAB Lighting Inc., a Corporation of the state of New York, having a principal place of business at 170 Ludlow Avenue, Northvale, NJ 07647 hereinafter referred to as the "Assignee," the Intellectual Property and all rights related thereto, hereinafter referred to as the "Intellectual Property and Related Rights", which include but are not limited to the following items (i) through (v) and (a) through (c):

- (i) all of the entire worldwide right, title, and interest in, to and under the Intellectual Property,
- (ii) all of the entire worldwide right, title and interest in, to and under future developments, including improvements, in the Intellectual Property,
- (iii) all of the entire worldwide right, title and interest, together with all rights of priority, in, to and under the Application,
- (iv) all of the entire worldwide right, title and interest, including the beneficial interest, together with all rights of priority, in, to and under, including the right to file, any and all applications based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, provisional, non-provisional, utility, utility model, design, industrial design, innovation, invention, international, national/regional phase, plant and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, examinations, re-examinations, review (e.g., Inter Partes and Post-Grant), and reissues thereof, and
- (v) all of the entire worldwide right, title and interest, together with all rights of priority and rights of action for infringement, in, to and under any and all patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, non-provisional, utility, utility model, design, industrial design, innovation, invention, international, national/regional phase, plant, and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, examinations, re-examinations, review (e.g., Inter Partes and Post-Grant), and reissues thereof,

in all countries, United States and foreign, and under any applicable treaty or convention, which include but are not limited to

- (a) all past, present and future rights and privileges, legal, equitable and otherwise, including, to the extent permissible by law, rights and privileges related to the Assignor's attorney-client relationship,
- (b) all past, present and future causes of action, including causes of action for infringement and misappropriation, whether committed or accruing before, on or after the effective date of this assignment, and
- (c) all past, present and future remedies for damages and profits,

*Brian Kim*

## ASSIGNMENT

as related to the Intellectual Property, future developments in the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, to be held and enjoyed by the Assignee as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

To the extent not granted, assigned, sold or transferred to the Assignee by the above and for the good and valuable consideration acknowledged above, the Assignor agrees to and does hereby grant, assign, sell and transfer unto the Assignee any and all future developments, including improvements, in the Intellectual Property and Related Rights immediately and automatically upon existence.

The Assignor hereby COVENANTS AND WARRANTS that the Assignor has not executed and shall not execute any writing or perform any act whatsoever conflicting with this Assignment. This covenant and warranty includes, but is not limited to, a representation to the Assignee that no grant, assignment, sale, transfer, mortgage, license, encumbrance or other agreement affecting any portion, in whole or in part, of the Intellectual Property and Related Rights has been made to any party by the Assignor, and that the full right and authority to convey the Intellectual Property and Related Rights as herein expressed is possessed by the Assignor.

The Assignor hereby agrees that the Assignor will, in view of the good and valuable consideration acknowledged above, perform the following as relating to the Intellectual Property, the Application and the portions of any and all applications or patents based on or arising from the Intellectual Property or the Application in all countries, United States and foreign, and under any applicable treaty or convention:

- (1) communicate any and all facts and information known to the Assignor respecting the Intellectual Property and Related Rights to the Assignee and the Assignee's affiliates, legal representatives and successors;
- (2) sign, execute and deliver any and all papers necessary or desirable to enforce or perfect the title to all of the entire right and interest, together with all rights of priority in, to and under the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property or the Application, including all rightful oaths, declarations, assignments, powers of attorney and other related papers, in and for the use of the Assignee and the Assignee's affiliates, legal representatives and successors, which may be necessary or desirable in connection with any proceeding, such as any *linter partes* review, post-grant review, supplemental examination, interference, derivation proceeding, other post-grant proceeding, or litigation;
- (3) testify in any legal or quasi-legal proceedings regarding any and all facts known to the Assignor relating to the Intellectual Property and Related Rights as requested by the Assignee and the Assignee's affiliates, legal representatives and successors;
- (4) act in the benefit of the Assignee, including not engaging in any acts resulting in intentional or unintentional waiver of attorney-client privileges, as relating to the Intellectual Property and Related Rights without express written authorization by the Assignee, and, if there is a waiver of attorney-client privileges, assert that any partial waiver of attorney-client privileges does not constitute a total waiver of attorney-client privileges; and
- (5) generally do everything reasonable to aid and cooperate in securing, maintaining and enforcing proper protection for the Intellectual Property and Related Rights in the Assignee and the Assignee's affiliates, legal representatives and successors.

The Assignor hereby agrees that any partial waiver of the Assignor's attorney-client rights and privileges as related to the Intellectual Property and Related Rights, whether inadvertent, willful, past, present or future, does not constitute a total waiver of the Assignor's attorney-client rights and privileges.

The Assignor hereby authorizes and requests the Honorable Commissioner for Patents to issue any aforesaid patent to the Assignee and the Assignee's affiliates, legal representatives and successors.

Assignor understands that SmithAmundsen LLC does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges Assignor's right to retain Assignor's own independent legal counsel.

*SmithAmundsen*

## ASSIGNMENT

This Assignment embodies the complete and final agreement between the parties on this subject and shall be governed and controlled as to validity, enforcement, interpretation, construction, effect and in all other respects by the laws of the United States, and in particular in accordance with the laws of the State of New Jersey, without reference to the conflict of laws principles thereof. It is further understood that Assignor consents to the courts of New Jersey in connection with any dispute arising under the Assignment.

If any provision or term of this Assignment shall be ruled invalid or unenforceable by a court of competent jurisdiction, such decision shall not affect the validity or enforceability of the remaining provisions and terms of this Assignment, which remaining provisions and terms shall continue in full force and effect as if this Assignment had been executed with the invalid portion eliminated.

This Assignment is hereby made effective as of August 31, 2018.

A handwritten signature in black ink, appearing to read "Bartman", is located in the lower right quadrant of the page.

ASSIGNMENT

Assignor:

*Stanley Mayer*

Signature (Assignor/Inventor)

Printed Name: Stanley Mayer

Date: 11 day of OCTOBER, 20 18

Notary (for Inventors in U.S.):

STATE OF New Jersey )  
COUNTY OF Bergen ) : SS

Before me, a Notary Public, in and for the County and State, personally appeared the above-named Assignor, Stanley Mayer, who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Signature (Notary Public): *Grace L. Marks*

Printed Name: Grace L. MARKS

Date: 11 day of October, 20 18

Resident of Rockland County

My Commission Expires: 3/30/20

Witnesses (for Inventors in China)

Signature (Witness 1): \_\_\_\_\_

Printed Name (Witness 1): \_\_\_\_\_

Signature (Witness 2): \_\_\_\_\_

Printed Name (Witness 2): \_\_\_\_\_



ASSIGNMENT

Assignor:

Nicholas Calaceto  
Signature (Assignor/Inventor)

Printed Name: Nicholas Calaceto

Date: 11<sup>th</sup> day of October, 2018

Notary (for Inventors in U.S.):

STATE OF New Jersey )  
COUNTY OF Bergen ) : SS

Before me, a Notary Public, in and for the County and State, personally appeared the above-named Assignor, Nicholas Calaceto, who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Signature (Notary Public): Grace L. Marks

Printed Name: Grace L. Marks

Date: 11<sup>th</sup> day of October, 2018

Resident of Rockland County

My Commission Expires: 3/30/20

Witnesses (for Inventors in China):

Signature (Witness 1): \_\_\_\_\_

Printed Name (Witness 1): \_\_\_\_\_

Signature (Witness 2): \_\_\_\_\_

Printed Name (Witness 2): \_\_\_\_\_



ASSIGNMENT

Assignor:

*Wengang Gao*

Signature (Assignor/Inventor)

Printed Name: Wengang Gao

Date: 11 day of October, 2012

Notary (for Inventors in U.S.):

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) : SS

Before me, a Notary Public, in and for the County and State, personally appeared the above-named Assignor, Wengang Gao, who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Signature (Notary Public)

Printed Name:

Date: \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

Resident of \_\_\_\_\_ County

My Commission Expires: \_\_\_\_\_

Witnesses (for Inventors in China):

Signature (Witness 1): *[Signature]*

Printed Name (Witness 1): *Wengang Gao*

Signature (Witness 2): *[Signature]*

Printed Name (Witness 2): *Wengang Gao*



