502793665 05/02/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2840260

| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
|-----------------------|----------------|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| ANTHONY J. NICHOL | 04/09/2014 |
| ZANE A. COLEMAN | 04/16/2014 |
| SHAWN PUCYLOWSKI | 04/09/2014 |

RECEIVING PARTY DATA

| Name: | FLEX LIGHTING II, LLC |
|-------------------|---------------------------|
| Street Address: | 25 EAST WASHINGTON STREET |
| Internal Address: | SUITE 510 |
| City: | CHICAGO |
| State/Country: | ILLINOIS |
| Postal Code: | 60602 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14003569 |

CORRESPONDENCE DATA

Fax Number: (312)715-5155

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 312.715.5236

Email: roseann.white@quarles.com

Correspondent Name: ERIC T. KRISCHKE

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Address Line 4: CHICAGO, ILLINOIS 60654

| ATTORNEY DOCKET NUMBER: | 153813.00035 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | ERIC T. KRISCHKE |
| SIGNATURE: | /Eric T. Krischke/ |
| DATE SIGNED: | 05/02/2014 |

Total Attachments: 5

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PATENT 502793665 REEL: 032811 FRAME: 0587

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> PATENT REEL: 032811 FRAME: 0588

ASSIGNMENT

WHEREAS, we, the undersigned inventors, having our residences as set forth below, hereinafter referred to as "ASSIGNORS," have invented a certain new invention for:

LIGHT EMITTING DEVICE WITH ADJUSTABLE LIGHT OUTPUT PROFILE

as described and set forth in U.S. Patent Application No. 14/003,569 filed on November 11, 2013, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, FLEx Lighting II, LLC, hereinafter referred to as "ASSIGNEE", a company organized under the laws of Delaware, with its principal place of business at 25 East Washington Street, Suite 510, Chicago, IL 60602 USA, is desirous of acquiring ASSIGNORS' entire right, title and interest in and to said invention, improvements, application and any Letters Patents which may be granted therefor or thereupon in any country, together with any and all non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof in all countries throughout the world;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration by ASSIGNEE to ASSIGNORS, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention, improvements, and in and to said application and any Letters Patents which may be granted therefor or thereupon, together with any and all non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof, and ASSIGNORS authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications, or patents resulting therefrom, insofar as my interest is concerned, unto ASSIGNEE in accordance with this Assignment. To the extent applicable, ASSIGNORS also hereby assign to ASSIGNEE, its successors and assigns, all right, title and interest to sue third parties for any past, present or future infringement, and to collect all damages relating thereto, of all Letters Patents assigned herein.

ASSIGNORS also assign to ASSIGNEE, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in ASSIGNEE.

ASSIGNORS will communicate to ASSIGNEE, its successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and, at the expense of ASSIGNEE, ASSIGNORS will fully cooperate in any legal proceedings, including any proceeding within the United States Patent and Trademark Office or other Patent Office anywhere in the world, relating thereto, sign all lawful papers, execute all non-provisional, divisional, continuing, continuations-in-part, reissue and substitute applications, make all rightful oaths and declarations, and, in addition, execute any and all documents required to vest title in

Assignment – page 1 of 5

ASSIGNEE and to aid ASSIGNEE to obtain and enforce proper protection for said invention in all countries.

ASSIGNORS covenant that ASSIGNORS have the full right to convey the interest assigned by this Assignment, and that ASSIGNORS have not executed and will not execute any agreement in conflict with this Assignment.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Assignment - page 2 of 5

JOINT ASSIGNMENT

| NAME OF SOLE OR FIRST | | | | |
|--|---|--------------|------------------------|---|
| Given Name (first and middle[if any]) | | | Family Name or Surname | |
| Anthony J. | | | Nichol | |
| Inventor's Signature | | | | Date |
| Arale | | | | 4-9-14 |
| Residence: City | State | Country | C | itizenship |
| Chicago | Illinois | US | | S |
| Address | | Postal Code | | ountry |
| 225 North Columbus Driv | e, Apartment 4511 | 60601 | U | IS |
| Witnessed by:Sign | | Date: | | |
| Printed Na | me of Witness | | | |
| Witnessed by: | | Date: | | |
| Witnessed by:Sign | nature | | | |
| | | | | |
| Printed Na | me of Witness | | | |
| SECTION BELOW FO | R USE ONLY IF SIC | GNING IN PR | ESENCE | OF A NOTARY |
| STATE OF ILLINOIS | | | | |
| COUNTY OF | SS. | | | |
| Anthony J. Nichol, to m | ne personally known ledged to me that he/ | as the indiv | idual who | came the above-named executed the foregoing his/her own free will for |
| Seal | | areli | Afuil lotary Publ | ic) |
| OFFICIAL SEAL ARELI AGUILAR Notary Public - State of III | inois 16, 2016 | | | Assignment - nage 3 of 5 |

PATENT REEL: 032811 FRAME: 0591

| NAME OF ADDITIONAL | | у; | + 2: | |
|--|--|---------------------|-----------|--|
| Given Name (first and middle[if any]) | | | | ame or Surname |
| Zane A. | | | Coleman | |
| Inventor's Signature | | | | Date |
| 12 A | F16. | | | 14/16/14 |
| Residence; City | State | Country | 1 | Citizenship |
| Elmhurst | Illinois | US | | US |
| Address | A FALLENCES | Postal Code Country | | |
| | | US | | |
| Witnessed by: Like Si Si Printed N Witnessed by: Si | gnature lame of Witness lame of Witness | Date: | | E OF A NOTARY |
| | OR USE ONLY IF SIC | SNING IN PR | ESENC | E OF A NOTARY |
| STATE OF ILLINOIS | SS. | | | |
| COUNTY OF DUP | 298 | | | |
| Zane A. Coleman, to | me ^t personally known wledged to me that he/ | as the indiv | idual w | ally came the above-named ho executed the foregoing of his/her own free will for |
| | | | | |
| Seal | — — — — — — — — — — — — — — — — — — — | 22 P | | 1.11 |
| MMM | *************************************** | (N | lotary Pu | blic) |
| OFFICIAL S | EAL | | | |
| JASON BR | to of Illinaia | | | |
| My Commission No | 701033 | | | NAALAMINEN JOHN KOPE |
| ~~~~~~~ | ~~~~~ | | | Assignment – page 4 of 5 |

| NAME OF ADDITIONAL I | OINT INVENTOR Hon | ¥*• | , minimum and a second a second and a second a second and a second a second and a second and a second and a | |
|--|--|--|--|--------------------------|
| NAME OF ADDITIONAL JOINT INVENTOR, if any: Given Name (first and middle[if any]) | | | Family Name or Surname | |
| Shawn | | | Pucylowski | |
| Inventor's Signature | // | ····· | Date | |
| L 1 | WRY. | and the second | 04/09/1014 | |
| Residence: City | State & | Country | Citizenskip / | |
| Chicago | Illinois | US | US | |
| Address | | Postal Code | Country | |
| 3200 Norht Lake Shore D | rive, #2801 | 60657 | US | 1 |
| | nature | Date: | | |
| I IIIICG I VA | ane of without | | | |
| Witnessed by: | | Date: | | |
| Sign | nature | | | |
| | | | | |
| Printed Na | me of Witness | | | |
| SECTION BELOW FO | R USE ONLY IF SIC | GNING IN PR | ESENCE OF A NOTARY | |
| STATE OF ILLINOIS | | | | |
| COUNTY OF _COOK_ | SS. | | | |
| This 1th day of 1th Shawn Pucylowski, to assignment, who acknow the purposes therein set for | ledged to me that he/ | before me n as the indivishe executed the | personally came the above-n vidual who executed the fore he same of his/her own free wi | amed going ill for |
| Seal | National Control of the Control of t | arel | i Aguilar Iotary Public) | |
| | | ν | | |
| OFFICIAL SEAL ARELI AGUILAR Notary Public - State of III My Commission Expires Apr | inois 16, 2018 | | Assignment – page 5 | of 5 |

PATENT REEL: 032811 FRAME: 0593

RECORDED: 05/02/2014