PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3395246

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| PFC DEVICE CORPORATION | 05/12/2015 |

RECEIVING PARTY DATA

| Name: | PFC DEVICE HOLDINGS LTD | |
|-----------------|--|--|
| Street Address: | 1/F., SHELL INDUSTRIAL BUILDING, 12 LEE CHUNG STREET | |
| City: | CHAI WAN | |
| State/Country: | HONG KONG | |

PROPERTY NUMBERS Total: 15

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 8618626 |
| Patent Number: | 8890279 |
| Patent Number: | 8796808 |
| Patent Number: | 8921949 |
| Patent Number: | 8405184 |
| Patent Number: | 8927401 |
| Patent Number: | 8558315 |
| Patent Number: | 8735228 |
| Patent Number: | 8664701 |
| Patent Number: | 8853748 |
| Application Number: | 14526581 |
| Application Number: | 14308929 |
| Application Number: | 14556676 |
| Application Number: | 14287173 |
| Application Number: | 14496135 |

CORRESPONDENCE DATA

Fax Number: (703)880-7487

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.

Phone: 703-639-0151

Email: assignment@WPAT.COM

PATENT REEL: 035830 FRAME: 0409 Correspondent Name: WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS

Address Line 1: 8230 BOONE BLVD, SUITE 405

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER: 67407-011

NAME OF SUBMITTER: JUSTIN KING

SIGNATURE: /Justin King/

DATE SIGNED: 06/12/2015

Total Attachments: 2

source=AssignmentPFC_20150512#page1.tif source=AssignmentPFC_20150512#page2.tif

PATENT REEL: 035830 FRAME: 0410

ASSIGNMENT

WHEREAS, I(we), PFC DEVICE CORPORATION, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented and/or owned certain new and useful invention(s) as the followings:

| 8,618,626 | TRENCH SCHOTTKY RECTIFIER DEVICE AND METHOD FOR MANUFACTURING THE SAME |
|-------------------|--|
| 8,890,279 | TRENCH SCHOTTKY RECTIFIER DEVICE AND METHOD FOR MANUFACTURING THE SAME MOS P-N JUNCTION SCHOTTKY DIODE DEVICE AND METHOD FOR MANUFACTURING THE |
| 8,796,808 | SAME. MOS P-N JUNCTION DIODE WITH ENHANCED RESPONSE SPEED AND MANUFACTURING |
| 8,921,949 | METHOD THEREOF |
| 8,405,184 | TRENCH SCHOTTKY DIODE AND METHOD FOR MANUFACTURING THE SAME |
| 8,927,401 | TRENCH SCHOTTKY DIODE AND METHOD FOR MANUFACTURING THE SAME TRENCH ISOLATION MOS P-N JUNCTION DIODE DEVICE AND METHOD FOR |
| 8,558,315 | MANUFACTURING THE SAME |
| 8,735,228 | TRENCH ISOLATION MOS P-N JUNCTION DIODE DEVICE AND METHOD FOR MANUFACTURING THE SAME |
| 8,664,701 | RECTIFIER WITH VERTICAL MOS STRUCTURE |
| 8,853,748 | RECTIFIER WITH VERTICAL MOS STRUCTURE |
| 14/526,581 | TRENCH SCHOTTKY RECTIFIER DEVICE AND METHOD FOR MANUFACTURING THE SAME MOS P-N JUNCTION SCHOTTKY DIODE DEVICE AND METHOD FOR MANUFACTURING THE |
| 14/308,929 | |
| 14/556,676 | MOS P-N JUNCTION DIODE WITH ENHANCED RESPONSE SPEED AND MANUFACTURING METHOD THEREOF |
| 14/287,173 | TRENCH ISOLATION MOS P-N JUNCTION DIODE DEVICE AND METHOD FOR MANUFACTURING THE SAME |
| × 4 / 5 0 2 1 0 2 | |

14/496,135 METHOD FOR MANUFACTURING RECTIFIER WITH VERTICAL MOS STRUCTURE

WHEREAS, PFC Device Holdings Ltd

whose post office address is 1/F., SHELL INDUSTRIAL BUILDING, 12 LEE CHUNG STREET, CHAI WAN, HONG KONG hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to the said INVENTION, all without further consideration. Assignor also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf, and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Page 1 of 2

PATENT REEL: 035830 FRAME: 0411 ASSIGNOR authorizes any member of the firm of <u>WPAT, PC (Customer No. 65358)</u> to insert or complete any information in this document needed to effect its record in the U.S. Patent and Trademark Office.

| Assignor Name/Job Title | Address |
|---|--|
| KWOK KEE BILLY YUNG | PFC DEVICE CORPORATION |
| For and on behalf of PFC Device Corporation | 3FD, No.82 Min-Chuan Road, Hsin-Ten Dist, New Taipei City, Taiwan ROC 23141 |
| Signature of Assignor Earth - June | Date of Signature May 12, 2015 |
| Name of Witness (optional) Authorized Signature(s) | Name of Witness (optional) |
| Signature of Witness (optional) | Signature of Witness (Optional) |