504203263 01/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4249939

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| CHUNSHENG JIANG | 01/09/2017 |

RECEIVING PARTY DATA

| Name: | SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD. |
|-------------------|--|
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| Internal Address: | GUANGMING NEW DISTRICT |
| City: | SHENZHEN |
| State/Country: | CHINA |
| Postal Code: | 518132 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15327403 |

CORRESPONDENCE DATA

Fax Number:

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.

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| ATTORNEY DOCKET NUMBER: | 96059/302.35 | |
|--------------------------------|--|--|
| NAME OF SUBMITTER: | MICHAEL D. HAMMER | |
| SIGNATURE: | /Michael D. Hammer/ | |
| DATE SIGNED: 01/30/2017 | | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 2

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PATENT 504203263 REEL: 041123 FRAME: 0693

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

| Attorney Docket Number | 20078100078140044444444444444444444444444 |
|---------------------------|---|
| First Named Inventor | JIANG, Chunsheng |

ARRAY SUBSTRATE OF OLED DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

| (Title of the Invention) |
|--|
| As a below named inventor, I hereby declare that: |
| This assignment and declaration is directed to: |
| ☐ The attached application |
| OR |
| ☐ United States Application Number or PCT International application numbe PCT/CN2017/071162 |
| filed on 01/13/2017 (MM/DD/YYYY) |
| The above-identified application was made or authorized to be made by me. |
| I believe I am the original or an original joint inventor of the claimed invention in the application. |
| I hereby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S. 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 specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

As a below named inventor, I hereby sell, assign and transfer unto to SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD., a corporation of China, herein referred to as "Assignee", whose mailing address is NO.9-2 Tangming Rd. Guangming New District Shenzhen, Guangdong 518132 China, the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent, the entire right, title, and interest in and to the same, for the Assignee's sole use and benefit; and for the use and benefit of the Assignee's legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

[Page 1 of 2]

CS20162495/US;TP161115-US

ASSIGNMENT AND DECLARATION — Utility or Design Patent Application

| LEGAL NAME OF SOLE OR FIRST INVENTOR: | | | | | |
|---|----------------|--|--|------------------|--|
| Given Name (first and middle [if any]) | | Family Name or Surname | | Surname | |
| Chunsheng | | JIANG | **** | | |
| Inventor's Signature Chunsheng | JIANG | | | Date (Optional) | |
| lesidence: City State | | Country | | У | |
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| City Shenzhen | State | Zip | 3132 | Country China | |
| | Guangdong | i Dic | 132 | Cilita | |
| LEGAL NAME OF SECOND INVENTOR: | | QUILLE MAN CONTRACTOR DE C | 200000000000000000000000000000000000000 | | |
| Given Name (first and middle [if any]) | Family CHEN | | ∕ Name or Surname √ | | |
| Inventor's Signature | | | | Date (Optional) | |
| Residence: City | State Countr | | У | | |
| Mailing Address | | | | | |
| City | State | Zip | *************************************** | Country | |
| LEGAL NAME OF THIRD INVENTOR: | | | oracoccanocadoc-XX | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | |
| Inventor's Signature | | | na da da a a a a a a a a a a a a a a a a | Date (Optional) | |
| Residence: City | State Countr | | У | | |
| Mailing Address | | | | | |
| City | State | Zip | | Country | |
| Additional inventors are being named on thesupplemental sheet(s) attached hereto. | | | | | |

[Page 2 of 2]

CS20162495/US;TP161115-US

PATENT REEL: 041123 FRAME: 0695

RECORDED: 01/30/2017