504365644 05/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4412336

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| DONGXU XIANG | 05/05/2017 |
| YUE LI | 05/05/2017 |
| TONG WU | 05/05/2017 |
| ZEYUAN CHEN | 05/05/2017 |
| GANG LIU | 05/05/2017 |
| DONG QIAN | 05/05/2017 |

RECEIVING PARTY DATA

| Name: | SHANGHAI TIANMA AM-OLED CO., LTD. | |
|-------------------|--|--|
| Street Address: | ROOM 509, BUILDING 1, NO. 6111 LONGDONG ROAD | |
| Internal Address: | PUDONG DISTRICT | |
| City: | SHANGHAI | |
| State/Country: | CHINA | |
| Postal Code: | 201201 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15593929 |

CORRESPONDENCE DATA

Fax Number: (650)838-2001

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: (650) 838-2000

Email:sharyl.brown@alston.comCorrespondent Name:ALSTON & BIRD LLP

Address Line 1: BANK OF AMERICA PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NORTH CAROLINA 28280-4000

| ATTORNEY DOCKET NUMBER: | 061706-497016 (033500US) |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | EMILY SHU |
| SIGNATURE: | /Emily Shu/ |
| DATE SIGNED: | 05/12/2017 |

504365644 PATENT REEL: 042362 FRAME: 0471

Total Attachments: 2

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PATENT REEL: 042362 FRAME: 0472

ASSIGNMENT

WHEREAS Dongxu XIANG, a citizen of the People's Republic of China, residing at Shanghai, P.R. China; Yue LI, a citizen of the People's Republic of China, residing at Shanghai, P.R. China; Tong WU, a citizen of the People's Republic of China, residing at Shanghai, P.R. China; Zeyuan CHEN, a citizen of the People's Republic of China, residing at Shanghai, P.R. China; Gang LIU, a citizen of the People's Republic of China, residing at Shanghai, P.R. China; and Dong QIAN, a citizen of the People's Republic of China, residing at Shanghai, P.R. China, hereinafter referred to as "Assignors," are inventors of the invention described and set forth in the below-identified patent application(s):

Title of Invention:

Organic Light Emitting Display Panel, Driving Method

Thereof And Organic Light Emitting Display

Apparatus

U.S. Application No.: 15/593,929

Filing Date:

May 12, 2017

WHEREAS, SHANGHAI TIANMA AM-OLED CO., LTD., a corporation incorporated under and pursuant to the laws of P.R. China, and having its principal place of business at Room 509, Building 1, No. 6111 Longdong Road, Pudong District, Shanghai 201201, P.R. China, hereinafter referred to as "Assignee," is desirous of acquiring all of Assignors' right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon;

NOW, THEREFORE, for good and valuable consideration, receipt of which are hereby acknowledged by Assignors, Assignors have assigned, transferred and set over, and by these presents do assign, transfer and set over unto Assignee, and Assignee's successors, legal representatives, and assigns, all of Assignors' right, title and interest in and to the abovementioned invention and application, the right to file applications on said invention, and the right, title and interest in and to any such applications, including provisional applications, and any applications claiming priority from said applications for Letters Patent of the United States or other countries (including patent, utility model and industrial designs), and in and to any Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, including the right to claim priority, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of

> **PATENT** REEL: 042362 FRAME: 0473

Assignee's successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignors had this Assignment not been made;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives, and assigns, that Assignors shall, whenever counsel of Assignee, or the counsel of its successors, legal representatives, and assigns, advises that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, continuation-in-part, substitution or conversion of any applications for Letters Patent or Patents, or any reissue, prolongation or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of Assignee, its successors, legal representatives, and assigns;

AND Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to Assignee as the assignee of said invention and the Letters Patent or Patents issued and to be issued thereon for the use and behalf of Assignee, its successors, legal representatives, and assigns;

AND the undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment the application number and filing date and any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

| Date 2017. 65. 05 | Dongxu XIANG Dongxu XIANG |
|--------------------|---|
| Date 2017.05.05 | Yue LI Yue LI |
| Date: 2017, Q5, Q5 | Tong WU Jong WU |
| Date 2017. 05.05 | Zeyuan CHEN Zeyuan CHEN Gang LIU Gang LIU |
| Date 2017. Rf. Df | Gang LIU Gang LIU |
| Date 2017. Qf 05 | Dong QIAN Dong QIAN |

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RECORDED: 05/12/2017