505929968 02/21/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENPENG DAI	12/27/2019
WEI GAO	12/27/2019
JINGHUA NIU	12/27/2019
LEI ZHANG	12/27/2019
YANG LI	12/27/2019
DONGYANG DENG	12/27/2019
PING AN	12/27/2019

RECEIVING PARTY DATA

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State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16732136	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	LAUREN GILROY
SIGNATURE:	/Lauren Gilroy/
DATE SIGNED:	02/21/2020

PATENT 505929968 REEL: 051893 FRAME: 0141

Total Attachments: 3

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PATENT REEL: 051893 FRAME: 0142

ASSIGNMENT

WHEREAS, we. <u>DAI</u>, <u>Wenpeng</u> of Shanghai, <u>China</u>, <u>GAQ</u>, <u>Wel</u> of Shanghai, <u>China</u>, <u>NIU</u>, <u>Jinghua</u> of <u>Shanghai</u>, <u>China</u>, <u>ZHANG</u>, <u>Lel</u> of <u>Shanghai</u>, <u>China</u>, <u>Li</u>, <u>Yang</u> of <u>Shanghai</u>, <u>China</u>, <u>DENG</u>, <u>Dongyang</u> of <u>Shanghai</u>, <u>China</u> and <u>AN</u>, <u>Ping</u> of <u>Shanghai</u>, <u>China</u> ('Assignor'), are the inventors of an invention entitled <u>COMPOUND</u>, <u>DISPLAY PANEL AND DISPLAY APPARATUS</u> that is the subject matter of: (check all that

[X]	a U.S. application for Letters Patent which claims the priority of the Chinese Patent Application No. 201910441335.X filed on May 24, 2019.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/ filed on
[-]	an application for Letters Patent which is identifiable in the Patent Office ofthe U.Sby
\mathcal{Q}_{H} ang	EAS, <u>Shanshal Tianma AM-OLED Co. Ltd.</u> a <u>comoration</u> organized and existing under the laws of ("Assignee"), and having offices at <u>Room 509, Building 1, No.6111 Longdons Rd. Pudons Dist</u> hal is desirous of acquiring the entire right, title and interest in and to the invention, the applications, y and all Letters Patent or similar foreign or domestic legal protection
[x] in	the United States
[] in	all other countries or jurisdictions;
NOW "	THEREFORE, for good and valuable consideration is

"NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged.

- a) we agree to transfer, and
- b) we do hereby transfer,

to Assignee, its successors and assigns, effective as of May 24, 2019 nunc pro tune, our entire right, title and interest in the above named countries and jurisdictions in and to the following including the right to sue for past infiringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee."

We authorize the U.S. Attorneys handling this matter in the U.S. and the Assignee, its successors and assigns to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignee the common representative in the above-identified international application for the invention.

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without fimilitation providing testimony in any related interference, litigation or proceeding. To the extent that we, our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalf.

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If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

DAI, Wenpeng 1 British / Aesignor/ Date
GAO, UZ) GAO, Woi (Inventor / Assignor) 24412-27
VIV Jinghua NIV, Jinghua (Inventor / Assignor) 26(3-12-7) Date
ZMANG, Lei ZHANG, Lei (Inventor / Assignor) >0(7, 72, 2) Date
Li Yes I Ul. Yang (Inventor / Assignor) 2019, 12, 27
DENG, Dongyang 30 3 (Inventor / Assignor) Date

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RECORDED: 02/21/2020

AN, Ping J (Inventor / Assignor)

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PATENT REEL: 051893 FRAME: 0145