506225135 08/27/2020

EPAS ID: PAT6271878

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QUANPENG YU	08/21/2020
QING ZHANG	08/21/2020

RECEIVING PARTY DATA

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Street Address:	888, 889 HUIQING RD.
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State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17005048

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NAME OF SUBMITTER:	KIMBERLY NESTA
SIGNATURE:	/Kimberly Nesta/
DATE SIGNED:	08/27/2020

Total Attachments: 2

source=72662_Assignment#page1.tif source=72662 Assignment#page2.tif

> **PATENT** REEL: 053624 FRAME: 0802 506225135

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

ASSIGNMENT

WHEREAS, we, <u>YU. Quangens</u> of <u>Shanghai. China</u> and <u>ZHANG. Qing</u> of <u>Shanghai. China</u>('Assignor'), are the inventors of an invention entitled "<u>DISPLAY PANEL. DISPLAY DEVICE. AND MANUFACTURING METHOD OF DISPLAY PANEL"</u> that is the subject mafter of: (check all that apply)

[}		a U.S. application for Letters Patent which claims the priority of the Chinese Patent Application No. 202010621679.1 filed on June 30, 2020.
Town I]	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.S. by Application Nofiled on
ia C	ws of <u>(</u> nina is	AS, Shanghai Tianma Micro-Electronics Co. Ltd., a corporation organized and existing under the Thina ("Assignee"), and having offices at <u>888, 889 Huising Rd. Pudong New District. Shanghai</u> desirous of acquiring the entire right, title and interest in and to the invention, the applications, and all Letters Patent or similar foreign or domestic legal protection
()	i) in t	ne United States
Same) in a	ill other countries or jurisdictions;
		HEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby adged,

to Assignee, its successors and assigns, effective as of June 30, 2020 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 infringement: 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 filling 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 limitation 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.

If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the

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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.

YU, Quanpeng (Inventor / Assignor)

ZHANG, Qing (Inventor / Assignor)

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