505954053 03/06/2020

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HUAILIANG HE	12/25/2019

#### **RECEIVING PARTY DATA**

Name:	HKC CORPORATION LIMITED
Street Address:	5TH AND 7TH FLOOR OF FACTORY BUILDING 1, JIUZHOU YANGGUANG, FACTORY BUILDINGS 1, 2, 3 OF HKC INDUSTRIAL PARK, PRIVATELY OPERATED INDUSTRIAL PARK, SHUITIAN VILLAGE, SHIYAN SUB-DISTRICT, BAOAN DISTRICT,
City:	SHENZHEN CITY
State/Country:	CHINA

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16643139

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)621-7155

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:** 7036217140

**Email:** mailroom@mg-ip.com

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, PC

Address Line 1: 4000 LEGATO ROAD, SUITE 310

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	4459/2104PUS1
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY
SIGNATURE:	/Joe McKinney Muncy/
DATE SIGNED:	03/06/2020

#### **Total Attachments: 2**

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PATENT 505954053 REEL: 052036 FRAME: 0977

# MUNCY, GEISSLER, OLDS & LOWE, PLLC

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## ASSIGNMENT

	Application No. 16/643,139 Filed February 28, 20	20
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***	***************************************
	WHEREAS, Huailiang HE	
	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in	
nsert Title of Invention	DETECTING METHOD AND DEVICE FOR DISPLAY PANEL	
	for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).	
nsert Date of Signing of Application		
nsert Name f Assignee		ind
nsert Address		
f Assignee	of 5th and 7th Floor of Factory Building I, Jiuzhou Yangguang, Factory Buildings I, 2, 3 of HKC Industria Park, Privately Operated Industrial Park, Shuifian Village, Shiyan Sub-district, Baoan District, Shenzhen City, China (P.R.C.)	<u>l</u> 1
НЕСК ВОХ	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and  in any foreign countries.	
APPROPRIATE	로 뛰어 보다 마이에 이 아이에게 보는 것으로 보고 있다. 그는 그 그리는 그는 그와 불발당하고 밝아 그 모르고 있다. 등이 되었다고 되었다.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;	
	and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.	in the

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2018-12-25

Name of Inventor HE huai Ciang (signature) Huailiang HE

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