505433287 04/17/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANG LIU	04/17/2019

RECEIVING PARTY DATA

Name:	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16387336

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NAME OF SUBMITTER: ANDREW C. CHENG	
SIGNATURE: /Andrew C. Cheng, Reg. No. 60891/	
DATE SIGNED:	04/17/2019

Total Attachments: 2

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PATENT 505433287 REEL: 048916 FRAME: 0670

Attorney Docket No.: CM19003

ASSIGNMENT

No.9-2, Tangming Road, Guangming, Shenzhen, Guangdong 518132, China.

	d, the undersigned ASSIGN	on are notedy
1st Name:	LIU, Yang	

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Residing at

hereby Under an Obligation to sell, assign and transfer unto:

SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD. of

SHENZHEN, GUANGDONG, CHINA (hereinafter referred as "ASSIGNEE"), its successors and assigns, the entire right, title and interest in and to the invention known as

METAL OXIDE THIN-FILM TRANSISTOR AND MANUFACTURING METHOD FOR THE SAME

(hereinafter referred as "INVENTION"), for which a United States Patent Application was executed concurrently herewith or, if not so executed, was:

a. [] executed on _______;
b. [X] filled on _____August 11, 2016 ____, Application Serial No. _____15300045 ____; or c. [] established by PCT International Patent Application No. ______

an application for Letters Patent of United States of America.

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional 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 post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

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

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application, if any, shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Signature of	Σ 8	V .		
1st Inventor	L14	jang	 Executed Date	<u> 2019 4 17 </u>

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