11/08/2019 505764345

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIAO XU	11/07/2019
HUA XU	11/07/2019
WEIJING WU	11/07/2019
WEIFENG CHEN	11/07/2019
LEI WANG	11/07/2019
JUNBIAO PENG	11/07/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16678116

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ATTORNEY DOCKET NUMBER:	JILP109US
NAME OF SUBMITTER:	RONALD M. KACHMARIK
SIGNATURE:	/Ronald M. Kachmarik/
DATE SIGNED:	11/08/2019

PATENT REEL: 050973 FRAME: 0326 505764345

Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

PATENT REEL: 050973 FRAME: 0327

<u>ASSIGNMENT</u>

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Miao XU

Hua XU

Weijing WU

Weifeng CHEN

Lei WANG

Junbiao PENG

NOW, THEREFORE, for and in consideration of our employment and the salary or wages paid to us by South China University of Technology, I/we, Miao XU, Hua XU, Weijing WU, Weifeng CHEN, Lei WANG, and Junbiao PENG by these presents do sell, assign, and transfer unto said South China University of Technology, organized and existing under the laws of the China, having a principal place of business at 381 Wushan Road, Tianhe District, Guangzhou, Guangdong Province, China 510641 is desirous of acquiring an interest therein, their successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

DOPED METAL OXIDE SEMICONDUCTOR AND THIN-FILM TRANSISTOR MADE THEREFROM AND ITS APPLICATION

for which application for United States Letters Patent has been filed on
under Serial No, or was executed by the undersigned on the date below and is
being filed concurrently herewith, said application for United States Letters Patent, any and all
other applications for Letters Patent on said inventions in countries foreign to the United States,
including all divisional, renewal, substitute, continuation and Convention applications based in
whole or in part upon said inventions or upon said applications, and any and all Letters Patent and
reissues and extensions of Letters Patent granted for said inventions or upon said applications, and
every priority right that is or may be predicated upon or arise from said inventions, said
applications and said Letters Patent; said assignee being hereby authorized to file patent
applications in any or all countries on any or all said inventions in the name of the undersigned or
in the name of said assignee or otherwise as said assignee may deem advisable, under the
International Convention or otherwise; the Commissioner of Patents and Trademarks of the United
States of America and the empowered officials of all other governments being hereby authorized
to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment
being under covenant, not only that full power to make the same is had by the undersigned, but also
that such assigned right is not encumbered by any grant, license, or other right heretofore given,
and that the undersigned will do all acts reasonably serving to assure that said inventions, patent
applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as
the same could have been held and enjoyed by the undersigned if this assignment had not been
made, and particularly to execute and deliver to said assignee all lawful documents including
petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts
relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception,
semples of other physical exhibits which may be useful for establishing the facts of conception,

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disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Milao XU Inventor's Signature Milao XU Printed Name in English	<u>2015</u> 11, 37 Date	
Inventor's Signature Hua XU Printed Name in English) 9 (4 , 1 (.0) Date	
Weijing WU Printed Name in English	28 / 9 . 1 \ . 0 \ Date	
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Weifeng CHEN Inventor's Signature Weifeng CHEN	2019. [1. 0] Date	
Printed Name in English		

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Inventor's Signature	Date
Lei WANG Lei Wang	2019.11.27
Printed Name in English	
Inventor's Signature	Date
Inventor's Signature Junbiao PENG Juby air hay Printed Name in English	Date 2014. []. 07