### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JINGHUI ZHU	08/06/2020
DIWAKAR CHOPPERLA	08/10/2020

#### **RECEIVING PARTY DATA**

Name:	GOWIN SEMICONDUCTOR CORPORATION	
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City:	GUANGZHOU	
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Postal Code:	510700	

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

Property Type	Number
Application Number:	16938798

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	1157.P0018US
NAME OF SUBMITTER:	JAMES M. WU
SIGNATURE:	/James M. Wu/
DATE SIGNED:	08/10/2020

**Total Attachments: 3** 

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PATENT 506196488 REEL: 053449 FRAME: 0399

Attorney Docket No.: 1157.P0018US

#### ASSIGNMENT

WHEREAS, we, Jinghui Zhu, a citizen of the United States of America, residing at, 1456 Chavez Way, San Jose, CA 95131, USA, and Diwakar Chopperla, a citizen of the United States of America, residing at 38660 Lexington St, Apt 506, Fremont, CA 94536, USA, has made an invention in:

# "METHOD AND SYSTEM FOR ENHANCING PROGRAMMABILITY OF A FIELD-PROGRAMMABLE GATE ARRAY VIA A DUAL-MODE PORT"

for which we have executed application papers for a U.S. patent having an application serial No. 16/938,798; and

WHEREAS, Gowin Semiconductor Corporation, a Guangzhou (China)

Corporation, having a place of business located at #1001, 10/F, Block A5, 234 Science

Street, HuangPu, GuangZhou 510700, China, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Jinghui Zhu and Diwakar Chopperla do sell, assign, transfer and set over unto the said Gowin Semiconductor Corporation, its successors and assigns the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefore, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Gowin Semiconductor Corporation, its successors and assigns, in accordance with this Assignment. IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter:

PATENT REEL: 053449 FRAME: 0400

Attorney Docket No.: 1157.P0018US

## Re: U.S. Patent Application entitled:

# METHOD AND SYSTEM FOR ENHANCING PROGRAMMABILITY OF A FIELD-PROGRAMMABLE GATE ARRAY VIA A DUAL-MODE PORT

1) Inventor: <b>Jinghui Zhu</b>	
Signature:  Jinghui Zhu	Date: <u>08/06/2020</u>
2) Inventor: <b>Diwakar Chopperla</b>	
Signature: Diwakar Chopperla	Date:

Attorney Docket No.: 1157.P0018US

Re: U.S. Patent Application entitled:

## METHOD AND SYSTEM FOR ENHANCING PROGRAMMABILITY OF A FIELD-PROGRAMMABLE GATE ARRAY VIA A DUAL-MODE PORT

i) invenor <b>Jinghii And</b>	
Signature:	Date:
2) Inventor: <b>Diwakar Chopperla</b>	
Signature: <u>C1)///18)///</u> Diwakar Chopperla	Date: <u>28 10 20</u> 2C