

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6090958

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TING-HSU CHIEN	04/23/2020
YEN-CHUNG T. CHEN	04/19/2020
WEN-LUNG TU	04/20/2020
RECEIVING PARTY DATA	
Name:	GLOBAL UNICHIP CORPORATION
Street Address:	NO.10, LIXING 6TH RD., SCIENCE-BASED INDUSTRIAL PARK,
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	30078
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
Street Address:	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK,
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300-78
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16861223
CORRESPONDENCE DATA	
Fax Number:	(949)391-4699
<i>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.</i>	
Phone:	886223692800
Email:	usa@jcipgroup.com
Correspondent Name:	JCIPRNET
Address Line 1:	8F-1, NO. 100, ROOSEVELT RD. SEC. 2,
Address Line 4:	TAIPEI, TAIWAN 100404
ATTORNEY DOCKET NUMBER:	093588-US-PA
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/

DATE SIGNED:	05/04/2020
Total Attachments: 5 source=093588-US-PA_DCL_ASSN#page1.tif source=093588-US-PA_DCL_ASSN#page2.tif source=093588-US-PA_DCL_ASSN#page3.tif source=093588-US-PA_DCL_ASSN#page4.tif source=093588-US-PA_DCL_ASSN#page5.tif	

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

☒ Declaration Submitted With Initial Filing

OR

☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)

(Title of the Invention)

**VOLTAGE MODE SIGNAL TRANSCEIVING DEVICE AND VOLTAGE
MODE SIGNAL TRANSMITTER THEREOF**

As a below named inventor (hereinafter designated as the undersigned), I hereby
declare that:

This declaration is directed to:

☒ The attached application,

OR

☐ United States Application Number or PCT International application number

_____ Filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in
the application.

The undersigned hereby acknowledge that any willful false statement made in this
declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more
than five (5) years, or both.

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, 1. Global Unichip Corporation
of No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078,
Taiwan (R.O.C.)
, 2. Taiwan Semiconductor Manufacturing Co., Ltd.
of No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78,
R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

Signature: Ting Hsu Chien Date: 2020.04.23

Legal Name of Sole or First Inventor: **Ting-Hsu Chien**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature: _____ Date: _____

Legal Name of Additional Joint Inventor, if any: **Yen-Chung T. Chen**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature: _____ Date: _____

Legal Name of Additional Joint Inventor, if any: **Wen-Lung Tu**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

Signature: _____ Date: _____

Legal Name of Sole or First Inventor: **Ting-Hsu Chien**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature: Yen-Chung T. Chen Date: 4/19/20

Legal Name of Additional Joint Inventor, if any: **Yen-Chung T. Chen**

Residence: ~~Hsinchu, Taiwan~~ **Santa Clara, CA**

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature: _____ Date: _____

Legal Name of Additional Joint Inventor, if any: **Wen-Lung Tu**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

2019-010US
093588-US-PA

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

Signature: _____ Date: _____

Legal Name of Sole or First Inventor: **Ting-Hsu Chien**

Residence: Hsinchu, Taiwan

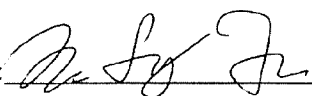
Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature: _____ Date: _____

Legal Name of Additional Joint Inventor, if any: **Yen-Chung T. Chen**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)

Signature:  _____ Date: 4/20/2020

Legal Name of Additional Joint Inventor, if any: **Wen-Lung Tu**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.10, Lixing 6th Rd., Science-Based Industrial Park, Hsinchu 30078, Taiwan
(R.O.C.)