

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4734980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FENG WEI KUO	11/16/2017
HUAN-NENG CHEN	11/18/2017
LAN-CHOU CHO	11/16/2017
CHEWN-PU JOU	11/16/2017
ROBERT BOGDAN STASZEWSKI	10/23/2017
MASOUD BABAIE	11/15/2017
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.
Street Address:	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15800991
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	18506-1147
NAME OF SUBMITTER:	ANTHONY KING
SIGNATURE:	/Anthony King/
DATE SIGNED:	12/14/2017
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, I(we), KUO, FENG WEI, CHEN, HUAN-NENG, CHO, LAN-CHOU, JOU, CHEWN-PU, STASZEWSKI, ROBERT BOGDAN and BABAIE, MASOUD whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

TRANSCIEIVING DEVICE

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent is executed on even date herewith unless at least one of the following is checked:

☐ United States Design Patent was

☐ executed on:

☒ filed on: 1 November 2017 Serial No.: 15/800,991

☐ established by PCT International Patent Application No.: filed: designating the

United States of America

☐ issued on _____ as U.S. Patent No.: _____

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. whose post office address is NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK, HSINCHU, TAIWAN, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Assignor Name KUO, FENG WEI	Address NO.12, ALY. 10, LN. 289, XUEFU E. RD., ZHUDONG TOWNSHIP, HSINCHU COUNTY 310, TAIWAN (R.O.C.)
Signature of Assignor (X) Feng-wei Kuo	Date of Signature (X) 2017-11-16
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHEN, HUAN-NENG	Address NO.11, LN. 902, SEC. 6, TAIWAN BLVD., SHALU DIST., TAICHUNG CITY 433, TAIWAN (R.O.C.)
Signature of Assignor (X) <i>Chen Huan-Neng</i>	Date of Signature (X) 2017/11/16
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHO, LAN-CHOU <i>Cho Lan Chou</i>	Address 7F.-1, NO.213, GUANXIN RD., EAST DIST., HSINCHU CITY 30072, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X) 2017/11/16
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name JOU, CHEWN-PU	Address NO. 123, 4F-10, PUTING 2ND RD., HSINCHU CITY, TAIWAN (R.O.C.)
Signature of Assignor (X) <i>Jou Chwen-Pu</i>	Date of Signature (X) 2017/11/16
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

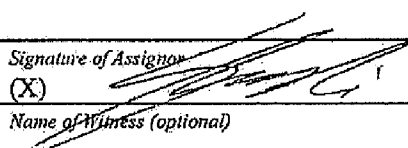
Assignor Name STASZEWSKI, ROBERT BOGDAN	Address SUMMERHILL, 12 MOUNT ANVILLE ROAD, DUBLIN D14 P9H0, IRELAND
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name BABAIE, MASOUD	Address THURLEDE 29, 2642KG PIJNACKER, ZUID HOLLAND, THE NETHERLANDS
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

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Name of Witness (optional)	Name of Witness (optional)
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Signature of Assignor (X)	Date of Signature (X) <i>2017/11/16</i>
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name JOU, CHEWN-PU	Address NO. 123, 4F-10, PUTING 2ND RD., HSINCHU CITY, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name STASZEWSKI, ROBERT BOGDAN	Address SUMMERHILL, 12 MOUNT ANVILLE ROAD, DUBLIN D14 P9H0, IRELAND
Signature of Assignor (X) 	Date of Signature (X) <i>2017-10-23</i>
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

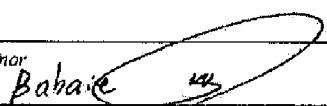
Assignor Name BABAIE, MASOUD	Address THURLEDE 29, 2642KG PLINACKER, ZUID HOLLAND, THE NETHERLANDS
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHEN, HUAN-NENG	Address NO.11, LN. 902, SEC. 6, TAIWAN BLVD., SHALU DIST., TAICHUNG CITY 433, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHO, LAN-CHOU Cho Lan Chou	Address 7F.-1, NO.213, GUANXIN RD., EAST DIST., HSINCHU CITY 30072, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X) 2017 / 11 / 16
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Signature of Witness (optional)	Signature of Witness (Optional)

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Signature of Assignor (X)	Date of Signature (X)
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Assignor Name BABAIE, MASOUD	Address THURLEDE 29, 2642KG PIJNACKER, ZUID HOLLAND, THE NETHERLANDS
Signature of Assignor (X) 	Date of Signature (X) 15 - Nov - 2017
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)