505360806 03/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5407594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHING-FUH LIN	01/28/2019
HUNG-CHIEH CHUANG	02/11/2019
MENG-JIE LIN	02/12/2019
PO-JUI HUANG	02/12/2019

RECEIVING PARTY DATA

Name:	NATIONAL TAIWAN UNIVERSITY	
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State/Country:	TAIWAN	
Postal Code:	10617	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16294225

CORRESPONDENCE DATA

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Email:dstout@patlawyers.comCorrespondent Name:STOUT, UXA & BUYAN, LLPAddress Line 1:23461 SOUTH POINTE DRIVE

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ATTORNEY DOCKET NUMBER:	NU9109P
NAME OF SUBMITTER:	DONALD E. STOUT
SIGNATURE:	/Donald E. Stout/
DATE SIGNED:	03/06/2019

Total Attachments: 5

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PATENT REEL: 048519 FRAME: 0083

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) LIN, Ching-Fuh	(2) CHUANG, Hung-Chieh
	(3) LIN, Meng-Jie	(4) HUANG, Po-Jui
	(5)	(6)
	(7)	(8)

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

(9)	Insert name of Assignee	(9) National Taiwan University	
(10)	Insert state of incorporation of Assignee	(10) Taiwan, R.O.C.	
(11)	Insert address of Assignee	(11) of No. 1, Sec. 4, Roosevelt Road, Taipei, 10617 Taiwan (R.O.C) (hereinafter designated as the Assignee) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in	
(12)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(12) PHOTODETECTOR (Case No, Serial No) for which the undersigned has (have) filed an application for patent in United States of America	
(13)	Insert Date of Filing of Application	(13) on March 6, 2019	

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) 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.
- 4) 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.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
 - 6) The undersigned hereby grant(s)

Donald E. Stout, Reg. No. 34,493.

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Attorney Docket No. NU9109P

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Date	Lin, Chiry- Fuh
Date	CHUANG, Hung-Chieh
Date	LIN, Meng-Jie
Date	HUANG Po-Jui

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Date		LIN, Meng-Jie
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Date			
			LIN, Ching-Fuh
Date			•
Date	2019/02/12	Meng-Jie Lin	CHUANG, Hung-Chieh
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			HUANG, Po-Jui

Attorney Docket No. NU9109P

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Date	MATTER CONTROL OF THE STATE OF	
		LIN, Ching-Fuh
Date		
		CHUANG, Hung-Chieh
Date		
		LIN, Meng-Jie
Date February 12, 2019	HUSNG, PO-7UI	
		HUANG, Po-Jul