PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PO-YU HUANG	01/31/2018
HONG-CHI KU	01/31/2018
SEN-CHIA CHANG	01/31/2018
TE-MING CHEN	01/31/2018
PEI-YI LO	01/31/2018

RECEIVING PARTY DATA

Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
Street Address:	NO. 195, SEC. 4, CHUNG HSING RD., CHUTUNG
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15857148

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NAME OF SUBMITTER:	JOE MCKINNEY MUNCY
SIGNATURE:	/Joe McKinney Muncy/
DATE SIGNED:	03/26/2018

Total Attachments: 2

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PATENT REEL: 045352 FRAME: 0705

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 1 of 2

WHEREAS I	Po-Yu Huang, Hong-Chi Ku, Sen-Chia Chang, Te-Ming Chen (and Pel-YI LO
hereinafter referred	d to collectively as the assignor, has invented a certain improvement	relating to
METHODS, DEVI	CES AND NON-TRANSITORY COMPUTER-READABLE MEDIUM	FOR PARAMETER OPTIMIZATION
	s declaration for said application being executed concurrently with the led in the United States Patent and Trademark Office,	execution of this instrument; said
authorization being	tion having been filed in the United States Patent and Trademark Offi g hereby given to my attorneys, Joe McKinney Muncy (Reg. No. ere in parentheses (Application Serial No. <u>15/857.148</u>) the application) of Muncy, Geissler, Olds & Lawe,
	ion having been filed under the Palent Cooperation Treaty on, the United States of America being designated.	

AND WHEREAS INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE of No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan, R.O.C., hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

Muncy, Geissler, Olds & Lowe, PLLC. (MG-IP) 正研院編號 P67060006US [[正達編號 US13025PA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

ASSIGNOR:		ASSIGNOR:	
Signature:	Po-Yu Hung.	Signature:	Hong-Gi Ku
Printed Name:	Po-Yu HUANG	Printed Name:	Hong-Chi KU
Date:	7018.1.3)	Date:	2018 . 1 . 31
ASSIGNOR:		ASSIGNOR:	
Signature:	Jen- Die Chang	Signature:	Te-Ming CHEN
Printed Name:	Sen-Chia CHANG	Printed Name:	Te-Ming CHEN
Date:	2018: 1:3	Date:	2018,01,31
ASSIGNOR:			
Signature:	<u> 25 L</u>		
Printed Name:	Pei-Yi LO		
Date:	2018, 01, 31		

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RECORDED: 03/26/2018