505220170 12/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5266938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-PING CHENG	11/27/2018
CHU-KAI HUANG	11/27/2018

RECEIVING PARTY DATA

Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	
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State/Country:	tate/Country: TAIWAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16210138

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NAME OF SUBMITTER:	TIM TINGKANG XIA	
SIGNATURE:	/Tim Tingkang Xia/	
DATE SIGNED:	12/05/2018	

Total Attachments: 2

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PATENT 505220170 REEL: 047677 FRAME: 0239

ASSIGNMENT

WHEREAS, we/I, CHENG, CHIH-PING, the citizen of Taiwan (R.O.C.), having po	ostal
address No.230, Zhongshi St., Houlong Township, Miaoli County 356, Taiwan (R.O	<u>.C.)</u> ;
HUANG, CHU-KAI, the citizen of Taiwan (R.O.C.), having postal address No.8-2, Ercheng	Rd.
Erlin Township, Changhua County 526, Taiwan (R.O.C.) (hereinafter "Applicants") l	have
invented new and useful improvements for which we/I filed a U.S. patent application in	ı the
United States Patent and Trademark Office herewith, which is entitled ""	' and
was assigned U.S. Serial No	

AND WHEREAS, <u>INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE</u>, having an office and place of business at <u>NO. 195, SEC. 4, CHUNG-HSING ROAD, CHU-TUNG, HSIN-CHU, TAIWAN, R.O.C.</u> (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we/I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we/I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we/I do hereby agree that we/I and our/my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us/me relating to said improvements and the history thereof and will testify in all legal

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Attorney Docket No. 0121225.240US2

proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we/I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us/me and that full right to convey the same as herein expressed is possessed by us/me.

IN TESTIMONY WHEREOF, I have hereunto set my h	sand this date $\frac{20/8}{1}$
	HEUG, CHEH-PEUG
C	HENG, CHIH-PING
IN TESTIMONY WHEREOF, I have hereunto set my h	nand this date 2016 11.27
	HUANG, AV-KAI

HUANG, CHU-KAI

2.

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RECORDED: 12/05/2018