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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHENG DUAN	12/10/2018
CHANG-HONG LIU	12/10/2018
SHOU-SHAN FAN	12/10/2018

RECEIVING PARTY DATA

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State/Country:	CHINA	
	HON HAI PRECISION INDUSTRY CO., LTD.	
Name:	HON HAI PRECISION INDUSTRY CO., LTD.	
Name: Street Address:	HON HAI PRECISION INDUSTRY CO., LTD. 66, Chung Shan Road, Tu-Cheng Dist.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16231993

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	US72192
NAME OF SUBMITTER:	TUNG-YUN MCNALLY
SIGNATURE:	/Tung-Yun McNally/
DATE SIGNED:	12/25/2018

Total Attachments: 3

PATENT REEL: 047850 FRAME: 0532

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> PATENT REEL: 047850 FRAME: 0533

ASSIGNMENT

TE	HIS ASSIGNMENT, by:		
1.	ZHENG DUAN	, residing at	Beijing, China
2.	CHANG-HONG LIU	, residing at	Beijing, China
3.	SHOU-SHAN FAN	, residing at	Beijing, China
(hereinafte	r collectively referred to as the	 "Assignor"), WITN	NESSETH:
improven	HEREAS, said Assignor nents in a: ETHOD FOR CONTROLLING		ertain new and useful STANCE

WHEREAS,

TSINGHUA UNIVERSITY a corporation duly and lawfully organized, and having a principal place of business at: No.1, Qinghua Yuan, Haidian District, Beijing City, P.R.C.

HON HAI PRECISION INDUSTRY CO., LTD. a corporation duly and lawfully organized, and having a principal place of business at: 66,Chung Shan Road, Tu-Cheng Dist., New Taipei City, Taiwan, R.O.C. and

(hereinafter collectively referred to as the "Assignee"),

set forth in an application for Letters Patent of the United States,

filed on _____, with U.S. Serial No. _____.

[x] being executed concurrently hereinwith; or

is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignor's interest in the entire right, title and interest in and to the abovementioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations,

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and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignor is the lawful owner of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that said Assignor will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns;

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

1.	Zhing Dim ZHENG DUAN	<u> 7</u> のほれ、異10 Date
2.	CHANG-HONG LIU	Date
3.	Shou-shan FAN	<u>Dec.10,2018</u> Date