505244401 12/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAN HU	12/14/2018

RECEIVING PARTY DATA

Name:	GUANGZHOU SHIRUI ELECTRONICS CO. LTD.
Street Address:	NO. 192, KEZHU ROAD, GUANGZHOU SCIENCE PARK
Internal Address:	GUANGZHOU ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE
City:	GUANGZHOU, GUANGDONG
State/Country:	CHINA
Postal Code:	510663

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16311263

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JODI LANG	
SIGNATURE:	/JODI LANG/	
DATE SIGNED:	12/19/2018	

Total Attachments: 4

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PATENT 505244401 REEL: 047814 FRAME: 0971

ASSIGNMENT

WHEREAS, I,

Chan HU

No.192, Kezhu Road, Guangzhou Science Park, Guangzhou Economic and Technological Development Zone, Guangzhou, Guangdong 510663 P. R. China

have made inventions and discoveries in **Plug-in Module and Smartboard**, for which an application for Letters Patent was filed at the United States Patent and Trademark Office identified as follows (when known):

[I/we hereby authorize an attorney or agent for the below-identified Assignee to insert below the application number and filing date of said application when known.]

U.S. Patent Application Ser. No. 16/311,263 on December 19, 2018, and

WHEREAS GUANGZHOU SHIRUI ELECTRONICS CO. LTD., having a place of business at No. 192, Kezhu Road, Guangzhou Science Park, Guangzhou Economic and Technological Development Zone, Guangzhou, Guangdong S10663, China, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
- Authorize Assignee to file patent applications in any or all countries for any or all
 of said inventions and discoveries in my name or in the name of Assignee or otherwise as
 Assignee may deem advisable, under an International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

1

- 4. Warrant that I have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I have good right to assign the same to Assignee without encumbrance; and that I am aware of no claim to the contrary.
- 5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set	my hand and seal this 14 day of
Decomber 2018.	ţ
, C	Chim Hu
	Chan Hill

4