

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HYASIC INCORPORATION	09/22/2020
RECEIVING PARTY DATA	
Name:	HUAYUAN SEMICONDUCTOR (SHENZHEN) LIMITED COMPANY
Street Address:	B502, YUANZHENG CHUANGYE BLDG.
Internal Address:	19 LANGSHAN RD., NANSHAN DISTRICT
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518057
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16945379
CORRESPONDENCE DATA	
Fax Number:	(650)938-5200
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	BRIANA WOBBE
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Address Line 2:	801 CALIFORNIA STREET
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041
ATTORNEY DOCKET NUMBER:	36471-45839/US
NAME OF SUBMITTER:	BRIANA WOBBE
SIGNATURE:	/Briana Wobbe/
DATE SIGNED:	09/28/2020
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **HyASIC Incorporation**, a California corporation, having a place of business at **2064 C2 Walsh Ave., Santa Clara, CA 95050** ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Huayuan Semiconductor (Shenzhen) Limited Company**, a limited company of China, having a place of business at **B502, Yuanzheng Chuangye Bldg., 19 Langshan Rd., Nanshan District, Shenzhen 518057 CHINA** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application(s), including those filed under 35 U.S.C. § 111, design applications filed under 35 U.S.C. § 171, Registered Community Designs, international applications filed according to the Patent Cooperation Treaty (PCT), U.S. national phase applications filed under 35 U.S.C. § 371, national or regional applications filed in any other country throughout the world, and any patents issuing thereon ("PATENT RIGHTS"):

COUNTRY	APPLICATION NUMBER	FILING DATE	TITLE
US	16/945,379	July 31, 2020	POWER LINE COMMUNICATION SIGNAL DETECTOR

and;

2. The entire worldwide right, title, and interest in and to:
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make

Title:	POWER LINE COMMUNICATION SIGNAL DETECTOR		
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hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Duly Authorized Representative of ASSIGNOR

jerryzheng

Junjie Zheng
CEO
HyASIC Incorporation

Date of Signature

Sep 22, 2020

Duly Authorized Representative of ASSIGNEE

jerryzheng

Junjie Zheng
CEO
Huayuan Semiconductor (Shenzhen) Limited Company

Date of Signature

Sep 22, 2020