

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ISMADI BIN ISMAIL	08/07/2020
	VALERIAN YUN KHIM CHUNG	08/07/2020
	ALEX YUCUN DOU	03/20/2020
	SEOK KIM TAY	03/20/2020
<b>RECEIVING PARTY DATA</b>		
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<b>State/Country:</b>	AUSTRIA	
<b>Postal Code:</b>	8700	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16777493	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(770)804-0900	
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<b>ATTORNEY DOCKET NUMBER:</b>	04017.0271U1 (A 4972 US)	
<b>NAME OF SUBMITTER:</b>	ROBERT A. BLAHA	
<b>SIGNATURE:</b>	/Robert A. Blaha/	
<b>DATE SIGNED:</b>	08/11/2020	
<b>Total Attachments: 6</b>		
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ASSIGNMENT  
OF UTILITY PATENT APPLICATION

WHEREAS, the following individuals:

<u>Name</u>	<u>Address</u>
Ismadi Bin Ismail	326, Jalan Jawa, Kpg. Pinang Jawa, 93050, Kuching, Sarawak, Malaysia
Valerian Yun Khim Chung	299, Lorong 14b, Jalan Kempas, 93350, Kuching, Sarawak, East Malaysia
Alex Yucun Dou	2-501# Tongbo Apt. Ledu Rd., Songjiang District, Shanghai, China
Seok Kim Tay	28, Jalan Lempeng 13-06, Singapore, 128807, Singapore

hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements ("inventions") as described and set forth in the below-identified utility application for United States Patent titled:

COMPONENT CARRIER WITH ELECTRICALLY RELIABLE BRIDGE WITH  
SUFFICIENTLY THICK VERTICAL THICKNESS IN THROUGH HOLE OF THIN  
DIELECTRIC

which was:

- ☐ executed on even date herewith,  
☒ filed with the United States Patent and Trademark Office (USPTO) on January 30, 2020 and assigned Serial No. 16/777,493, and  
☐ further described in U.S. Provisional application entitled \_\_\_\_\_, filed with the USPTO on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_.

*Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.*

WHEREAS, AT&S Austria Technologie & Systemtechnik Aktiengesellschaft, having a place of business at Fabriksgasse 13, 8700, Leoben, Austria, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, and any U.S. and foreign patents which are related to the same.

THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR.

ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation in part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

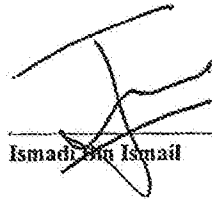
ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

  
\_\_\_\_\_  
Ismail Bin Ismail


On this 7th day of August, 2020, before me personally came  
Ismail Bin Ismail who executed the foregoing instrument in my presence.

Witness signature: Wai Wei

Witness' name (print): Wai Wei

Witness signature: Tony Wang

Witness' name (print): Tony Wang

  
\_\_\_\_\_  
Valerian Van Khim Chung

On this 7th day of August, 2020, before me personally came  
Valerian Van Khim Chung who executed the foregoing instrument in my presence.

Witness signature: Vivi Wei

Witness' name (print): Vivi Wei

Witness signature: Tony Wang

Witness' name (print): Tony Wang

Alex Yucun Dou  
Alex Yucun Dou

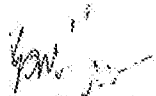
On this 20th day of March, 2020, before me personally came  
Alex Yucun Dou who executed the foregoing instrument in my presence.

Witness signature: Lester

Witness' name (print): Lester

Witness signature: Derek Dai

Witness' name (print): Derek Dai

  
\_\_\_\_\_  
Seok Kim Tay

On this 20th day of March, 2020, before me personally came  
Seok Kim Tay who executed the foregoing instrument in my presence.

Witness signature: Lestley

Witness' name (print): Lestley

Witness signature: Derek Dai

Witness' name (print): Derek Dai