

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4760313

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIAN KIAT KOH	02/12/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15861932
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<b>SIGNATURE:</b>	/Steven Haas/
<b>DATE SIGNED:</b>	01/04/2018
<b>Total Attachments: 2</b> source=DOC#page1.tif source=DOC#page2.tif	

12AB195-US - ASSIGNMENT OF INVENTION

WHEREAS,

**KIAN KIAT KOH**  
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(hereinafter sometimes referred to as "said inventor"), has invented certain new and useful improvements in an invention disclosed in a utility patent application entitled **ENERGY STORAGE METHOD AND SYSTEM TO POWER FUNCTIONAL SAFETY DIAGNOSTIC SUBSYSTEM** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **12AB195-US**, in the patent files of **ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CTR. PTE., LTD.** and which invention is the subject of a utility patent application executed on even date herewith. Said inventor grants to his attorneys or agents at Fay Sharpe LLP the power to insert into this Assignment the application serial number and filing date of the application and to insert any other information necessary to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment. This application has now been assigned U.S. application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto **ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CTR. PTE., LTD.**, 2 Corporation Road, #06-05/10, Corporation Place, Singapore 618494 SG, a Singapore corporation, the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by said **ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CTR. PTE., LTD.**, for its use and for the use of

its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventor had this assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

/Kian Kiat Koh/

\_\_\_\_\_  
KIAN KIAT KOH

Feb 12, 2015

\_\_\_\_\_  
Date