

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2922732

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MARK RAMSINGH	10/26/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TRANE INTERNATIONAL INC.	
<b>Street Address:</b>	ONE CENTENNIAL AVENUE	
<b>City:</b>	PISCATAWAY	
<b>State/Country:</b>	NEW JERSEY	
<b>Postal Code:</b>	08855	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14244780
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(317)636-1507	
<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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<b>Correspondent Name:</b>	JASON A. HOUDEK	
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<b>ATTORNEY DOCKET NUMBER:</b>	IRND-644	
<b>NAME OF SUBMITTER:</b>	JASON A. HOUDEK	
<b>SIGNATURE:</b>	/Jason A. Houdek/	
<b>DATE SIGNED:</b>	07/02/2014	
<b>Total Attachments: 4</b>		
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## ASSIGNMENT

WHEREAS, Mark Ramsingh, hereinafter referred to as Assignor, has made one or more new and useful inventions in MOTOR AND SWITCHING APPARATUSES, SYSTEMS AND METHODS for which one or more United States patent applications, international patent applications, and/or foreign patent applications have been or will be filed; and

WHEREAS, Trane International Inc., hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at One Centennial Avenue, Piscataway, New Jersey 08855, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in such applications, and in, to and under the applications, and in, to and under any and patents, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in U.S. Application No. 61/808,026, filed April 3, 2013 (hereinafter the "Application"), and any and all other applications thereon or arising therefrom, whether now filed or in the future filed, including any and all applications claiming the benefit of the Application, divisions, continuations, continuations-in-part, and foreign counterparts thereof, and any and all patents to be issued and obtained therefor or thereon, United States and foreign, including all reissues and extensions thereof.

Assignment

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**PATENT**  
**REEL: 033227 FRAME: 0751**

With respect to future applications not filed at the time of execution of this Assignment that claim priority to or claim the benefit of the Application, Assignor hereby confirms his assignment of the same to Assignee and authorizes Assignee, its counsel, or its agents to fill-in some or all of the following information on one or more copies of this document at the discretion of the Assignee, its counsel, or its agents:

- (a) Patent Office Number of the Application: \_\_\_\_\_
- (b) Filing Date of the Application: \_\_\_\_\_

Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

[Signature Page Follows]

EXECUTED this 26 day of October, 2013.

Mark Ramsingh  
Mark Ramsingh

STATE OF Georgia )  
COUNTY OF Bibb ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Mark Ramsingh who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 26 day of October, 2013.

Jessica Beall  
Notary Public

Printed: Jessica Beall

Resident of Bibb County

My Commission Expires:

02/06/2016

JESSICA BEALL  
NOTARY PUBLIC  
BIBB COUNTY  
STATE OF GEORGIA  
My Commission Expires February 6, 2016

