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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIGOR MANUSHI	12/04/2013
JOHN JANSON	12/04/2013
KEITH GERBER	12/04/2013
HIRAM AVALOS	12/04/2013

RECEIVING PARTY DATA

Name:	ROBERT BOSCH LLC	
Street Address:	2800 SOUTH 25TH AVENUE	
City:	BROADVIEW	
State/Country:	ILLINOIS	
Postal Code:	60155	

Name:	ROBERT BOSCH GMBH	
Street Address:	POSTFACH 30 02 20	
City:	STUTTGART	
State/Country:	GERMANY	
Postal Code:	70442	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14091706

CORRESPONDENCE DATA

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PATENT

502629196 REEL: 031936 FRAME: 0273

Address Line 4: MILWAUKEE, WISCONSIN 53202		
ATTORNEY DOCKET NUMBER:	081276-9619-US01	
NAME OF SUBMITTER:	ADNAN H. BOHRI	
Signature:	/adnan h. bohri/	
Date:	01/10/2014	
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ASSIGNMENT

Pursuant to our obligation to Robert Bosch LLC (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

2800 South 25th Avenue Broadview, IL 60155

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Ligor Manushi 21300 Woodhill Drive Northville, MI 48167

John Janson 1168 Sutherland Street Plymouth, MI 48170

Keith Gerber 2857 Water Oaks Drive West Bloomfield, MI 48324

Hiram Avalos 418 High Street #2 Ann Arbor, MI 48104

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

- (1) in and to inventions described in a patent application titled "MECHANICAL SPACER WITH NON-SPRING ELECTRICAL CONNECTIONS FOR A MULTIPLE PRINTED CIRCUIT BOARD ASSEMBLY" for which we filed United States Patent Application No. 14/091,706 (Atty. File No. 081276-9619-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/730,704, filed November 28, 2012 (hereinafter the "U.S. provisional patent application");
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation,

PATENT REEL: 031936 FRAME: 0275 continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said U.S. utility patent application and said U.S. provisional patent application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The foregoing notwithstanding, and in recognition of the fact that Assignee is part of the Bosch group of companies, we hereby assign to Robert Bosch GmbH, a German corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY, the limited right to be named as assignee or applicant at the time of publication and at the time of issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said U.S. utility patent application and said U.S. provisional patent application. This limited right granted to Robert Bosch GmbH with respect to any patent

PATENT REEL: 031936 FRAME: 0276 application or granted patent shall expire upon the first-occurring of (i) assignment to a third party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

12/4/2013 Date

12/4/7013 Date

12/4/2013

Ligor-Manushi:

John Janson

Keith Gerber

Hiram Avalos

PATENT REEL: 031936 FRAME: 0277

RECORDED: 01/10/2014