504412905 06/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4459605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULIEN VANIER	06/11/2017

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
Name: Street Address:	ROBERT BOSCH GMBH POSTFACH 30 02 20
Street Address:	POSTFACH 30 02 20

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14185673

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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.

Phone: 414-271-6560

Email: mkeipdocket@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (MKE)

Address Line 1: 100 E WISCONSIN AVENUE

Address Line 2: SUITE 3300

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	081276-9636-US01
NAME OF SUBMITTER:	JODI ANDERSON
SIGNATURE:	/jodi anderson/
DATE SIGNED:	06/14/2017

PATENT 504412905 REEL: 042705 FRAME: 0984

Total Attachments: 2

source=21167005_Assignment_(Vanier)#page1.tif source=21167005_Assignment_(Vanier)#page2.tif

PATENT REEL: 042705 FRAME: 0985

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 USA

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

Li Jiang 2780 Barclay Way Ann Arbor, MI 48105

Julien Vanier 38000 Hills Tech Dr. Farmington Hills, MI 48331

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 "REAL-TIME RESIDUAL MASS ESTIMATION WITH ADAPTIVE SCALING" for which we filed Non-Provisional Utility Patent Application No. 14/185673, on February 20, 2014 (Attorney Docket No. 081276-9636-US01)(hereinafter the "U.S. utility patent application"), and for which we filed International Patent Application No. PCT/US2014/017461 on February 20, 2014 (Atty. File No. 081276-9636-WO) (hereinafter the "PCT application"); which applications claim the benefit of United States Provisional Patent Application No. 61/766754, filed February 20, 2013 (Atty. File No. 081276-9636-US00) (hereinafter the U.S. provisional patent application);
- (2) in and to the U.S. utility patent application, the PCT application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions, and in and to 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 foreign applications entering the national phase of the PCT 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; and

PATENT REEL: 042705 FRAME: 0986 (4) under the International Convention in respect to the PCT application and the U.S. provisional patent application.

We hereby agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent application. 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 PCT application, and U.S. provisional patent application. This limited right granted to Robert Bosch GmbH with respect to any patent 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.

Date	Li_liang 7 ,
6/11/17	Luly Comer
Date	Julien Vanier

PATENT REEL: 042705 FRAME: 0987

RECORDED: 06/14/2017