PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Bosch GmbH	03/03/2010

RECEIVING PARTY DATA

Name:	Robert Bosch LLC
Street Address:	2800 South 25th Avenue
City:	Broadview
State/Country:	ILLINOIS
Postal Code:	60155

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	7007339
Patent Number:	7451520
Application Number:	12265001

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ED-WS

NAME OF SUBMITTER: Victor Henzi

Total Attachments: 2

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PATENT
REEL: 024045 FRAME: 0345

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ASSIGNMENT

WHEREAS, ROBERT BOSCH GMBH, Postfach 10 60 50, 70049 Stuttgart, GERMANY (hereinafter referred to as Assignor), is the sole owner of certain below-identified United States intellectual-property rights, and

WHEREAS, ROBERT BOSCH LLC, 2800 South 25th Avenue, Broadview, Illinois 60155, U.S.A. (hereinafter referred to as Assignee), a company organized and existing under the laws of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid United States intellectual-property rights;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, said Assignor, by these presents, does sell, assign and transfer unto said Assignee the entire right, title, and interest in and to:

- (1) United States Letters Patent No. 7,007,339 ("the '339 patent");
- (2) United States Letters Patent No. 7,451,520 ("the '520 patent");
- (3) United States Patent Application No. 12/265,001 ("the '100 application"); and
- (4) Any other United States patent or United States patent application claiming common priority with the '339 patent, the '520 patent, or the '100 application and any resulting United State patent, or which is the subject of a terminal disclaimer involving the '339 patent, the '520 patent, or the '100 application and any resulting United State patent;

including the entire United States right, title and interest in and to the inventions, improvements and discoveries disclosed in the above-described United States patents and patent applications; all other United States patent applications and any corresponding United States patent rights which have been or shall be filed on any of the inventions, improvements and discoveries disclosed or claimed in the above-described United States patents and patent applications; all regular patent applications, continuations, divisions, and reissues thereof; all rights of priority and the right to file and to prosecute such applications; and

further including the right to sue and collect damages for all past, current, and future infringements of the above-described United States patents and patent applications;

the same to be held and enjoyed by the said Assignee for its own use and behalf, and for its legal representatives and assigns, to the full end of the term for which said patents have been or shall be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor also authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to transfer said United States Patents and Application to

PATENT REEL: 024045 FRAME: 0346 Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

IN TESTIMONY WHEREOF, the duly authorized representative of the Assignor having authority to bind the Assignor, has signed this 3rd day of March 2010.

ROBERT BOSCH GMBH	ROBERT BOSCH GMBH
Signature: j. V. J. Soc. Print NameRudi Kisselmann Title:authorized representative officier Date:March 3, 2010	Signature:
ROBERT BOSCH LLC	ROBERT BOSCH LLC
Signature:	Signature: J. A. J.
Print Name: Odlet Jeergenrud	Print Name: DAY D/COOLINGE
Title: Regional President	Title: Exec VA
Date: 3312010	Date: 3/3/2010

L-104956 3rd amendment

RECORDED: 03/09/2010