08-29-2001 FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 101827439 To the Assistant Commissioner for Patents. Please record and index the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): 1. Liming Chen Robert Bosch Corporation Name: Address: 2800 South25th Avenue Broadview, Illinois 60155-4594 Additional name(s) & address(es) attached? __Yes X No 3. Nature of Conveyance: Assignment Execution Date: August 8, 2001 This document is being filed together with a new application. The execution date of the application is: August 8, 2001 NO ADDITIONAL NUMBERS ATTACHED. 5. Name and address of party to whom correspondence concerning document should be mailed: Total number of applications and patents involved: David R. Price Michael Best & Friedrich LLP Total fee (37 CFR 3.41):..... \$ 40.00 100 East Wisconsin Avenue 7. Milwaukee, Wisconsin 53202-4108 X Enclosed Phone: (414) 271-6560 X Deficiencies in fee charged to Deposit Account Deposit account number: 13-3080 DO NOT USE THIS SPACE 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Derek C. Stettner (Reg. No. 37,945)

Name of Person Signing

Signature

August 17,2001

Total number of pages including cover sheet, attachments, and document: 3

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Attorney File 081276-9060

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PATENT REEL: 012102 FRAME: 0723

ASSIGNMENT

For and in consideration of the sum of One Dollar (\$1.00) to me:

Liming Chen 3843 Dear Springs Drive Rochester, MI 48306

paid by Robert Bosch Corporation (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

2800 South 25th Avenue Broadview, IL 60155-4594

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest -

- (1) in and to an invention entitled "METHOD AND SYSTEM FOR

 DETECTING DRIVE TRAIN VIBRATIONS" for which I have executed a United States patent
 application on even date herewith (Atty File No. 081276-9060);
- (2) in and to said United States 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 invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, 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, 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: 012102 FRAME: 0724 (4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, 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 me.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue the said United States patent or patents to Assignee.

Date:

Aug-8-2001

Liming Chen

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