F 0	100	id States Patent and Trademark Office  3210512 record the attached documents or the new address(es) below.
80 75-60	1. Name of conveying party(ies): Yuichi TAWARADA (3/24/2006), Eiko SHIOZAKI (3/24/2006), Hiroyuki KAWAKUBO (3/24/2006), and Kazuyuki NAKAI (3/24/2006) Additional name(s) of conveying party(ies) attached?  Yes X No  3. Nature of conveyance/Execution Date(s):  Execution Date(s): in parentheses after inventor name  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	2. Name and address of receiving party(ies)  Name: HONDA R&D CO., LTD.  Internal Address:  Street Address:  1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan  City:  State:  Country: Zip:  Additional name(s) & address(es) Yes X No attached:
	4. Application or patent number(s):  A. Patent Application No.(s)  NEW  Additional numbers attached?	This document is being filed together with a new application.  B. Patent No.(s)  Yes X No
	5. Name and address to whom correspondence concerning document should be mailed:  Name: James M. Slattery BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0505-1488PUS1 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card Authorized to be charged to deposit account  X Enclosed  None required (government interest not affecting title)
	City: Falls Church  State: VA Zip: 22040-0747  Phone Number: (703) 205-8000  Fax Number: (703) 205-8050  Email Address: mailroom@bskb.com  9. Signature:	8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number Authorized User Name  March 27, 2006
·	Signature  James M. Slattery - 28,380  Name of Person Signing	Date  Total number of pages including cover sheet, attachments, and documents:  3
2006 FFANAIA	2 00000041 11389148 40.00 DP	

PATENT REEL: 017729 FRAME: 0177

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

united states patent rights, or united states plus all foreign patent rights .

## **ASSIGNMENT**

Application No.	NEW	Filed _	3/27/2006	
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***			
	WHEREAS, Yulchi TAWARADA, Eiko SHIOZAK (hereinafter designated as the undersigned) has (havin:			
Insert Title of Invention	VEHICULAR POWER UNIT			
	for which an application for Letters Patent of the U undersigned (except in the case of a provisional appli	nited St cation)	tates of America has been executed by the	
insert Date of Signing of Application Insert Name of Assignee Insert Address of Assignee CHECK BOX IF APPROPRIATE	on 3/24/2006		and ;	
	WHEREAS, HONDA MOTOR CO., LTD.			
	of $1-1$ , Minamiaoyama 2-cho	ome,	Minato-ku, Tokyo, Japa	
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and Ix In any foreign countries.			
	NOW, THERBFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territorics, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territorics, dependencies and possessions, and if the box above is designated, in any and all foreign countries;			
	and to any and all divisions, reissues, continuations term or terms for which the same may be granted.	, conve	usions and extensions thereof for the full	

PATENT REEL: 017729 FRAME: 0178 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignes may does necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Fatent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness Whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

3,2408.	Name of Inventor Tuichi Tawarada.  (signature) Yuichi TAWARADA	
3.2406,	Name of Inventor Eiko Shiozaki (signature) Eiko Shiozaki	
3. 24 '0 6,	Name of Inventor Hirogab: Kawa Eulo	
3.2406	Name of Inventor Kazuyuki NAKAI	
	3.24°06.	(signature) Yuichi TAWARADA  3.2406.  Name of Inventor Fike Shiozaki  (signature) Eiko Shiozaki  3.2406.  Name of Inventor Hiroyaki Kawakuko  (signature) Hiroyaki KAWAKUBO

RECORDED: 03/27/2006

PATENT REEL: 017729 FRAME: 0179