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Name: Hitachi, Ltd.	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Street Address: 6-8, Marunouchi 1-chome Chiyoda-ku, Tokyo Japan	Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	
Execution Date(s): (1) 06/28/06 (2) 06/28/06 (3) 06/26/06  Additional name(s) of conveying party(es) attached?  Yes No  3. Nature of conveyance:  Merger	(2) Shinji NAKAGAWA (3) Shiro YAMAOKA	Street Address: 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo	
3. Nature of conveyance:  Assignment		, ,	
A. Patent Application No.(s)  Additional number(s) attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Crowell & Moring LLP  Street Address: Intellectual Property Group PO Box 14300 Washington, DC 20044-4300  Phone Number: 202-624-2500 Fax Number: 202-628-8844  Phone Number: 202-628-8844  B. Patent Registration No.(s)  6. Total number of applications and patents involved 1	3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License	Additional name(s) & address(es) attached?    Yes    No	
Additional number(s) attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Crowell & Moring LLP  Street Address: Intellectual Property Group PO Box 14300 Washington, DC 20044-4300  Phone Number: 202-624-2500 Box 14300 Possible for a Credit Card Last 4 Numbers 1001 Expiration Date 10/10  9. Signature:  Authorized User Name 23911  9. Signature:  August 8, 2006  Date  Total number of applications and patents involved [1]  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 Enclosed None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers 1001  Expiration Date 10/10  Date  James F. McKeown, Reg. No. 25,406  Name of Person Signing  Total number of pages including cover sheet, attachments, and documents: 2	4. Application number(s) or patent number(s):   This document is being filed together with a new application.		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Crowell & Moring LLP  Street Address: Intellectual Property Group PO Box 14300  Washington, DC 20044-4300  Phone Number: 202-624-2500 Fax Number: 202-628-8844  Po Box 14300  Phone Number: 202-628-8844  Po Box 14300  Phone Number: 202-628-8844  Box Payment Information  a. Credit Card Last 4 Numbers 1001  Expiration Date 10/10  b. Deposit Account Number 05-1323  Authorized User Name 23911  August 8, 2006  Date  James F. McKeown, Reg. No. 25,406  Name of Person Signing  Correspondence concerning document should be involved 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged by credit card Authorized to be charged by credit card Authorized (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers 1001  Expiration Date 10/10	A. Patent Application No.(s)	B. Patent Registration No.(s)	
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Name of Person Signing sheet, attachments, and documents: 2	Am Xion		

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**PATENT REEL: 018178 FRAME: 0730** 

## ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## **ENGINE CONTROLLER**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Hitachi, Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

RECORDED: 08/08/2006

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Kiromu Kakuya	6/26/06
1) Kiromu Kakuya 2) Shinji Nahagama	6/26/06
3) Show Gumasha	6/26/06
4) Atsushi Shimada	6/28/06
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 018178 FRAME: 0731