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	Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s):	Internal Address: Street Address:	
	Execution Date(s): July 15, 2005 X Assignment Merger Change of Name Security Agreement Joint Research Agreement	16-4, Konan 2-chome, Minato-ku Tokyo 108-8410 JAPAN	
	Government Interest Assignment	City:	
	Executive Order 9424, Confirmatory License Other	Country: Zip: Additional name(s) & address(es) Yes X No attached:	
	4. Application or patent number(s): A. Patent Application No.(s) 11/103,509	his document is being filed together with a new application. B. Patent No.(s)	
Additional numbers attached? Yes X No		Yes X No	
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
	Name: Charles Gorenstein BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0042-0527PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747	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	8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number	
•	9. Signature: mailroom@bskb.com	Authorized User Name August 23, 2005	
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In consideration of value received, I, having a residence and mailing address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

VARIABLE VALVE UNIT FOR VEE SHAPE ENGINE

sell and assign to MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA a Japanese corporation, having a business address at 16-4, Konan 2-chome, Minato-ku, Tokyo 108-8410, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- [X] executed concurrently herewith;
- [] executed on
- [X] Application No. 11/103,509; filed April 12, 2005;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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.

Birch, Stewart, Kolasch & Birch, LLP, 8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248

PATENT REEL: 016910 FRAME: 0963

Inventor: (Signature)	Date	Residence and mailing address
Shinichi Murata	JUL. 1 5. 2005	4-2, Aza Kamegafuchi, Kobari-cho, Okazaki-shi, Aichi, Japan

PATENT REEL: 016910 FRAME: 0964

RECORDED: 08/23/2005