(Rev 6-93) REC	09-22	-2005 	HEET	U.S. DEPARTMENT	OF COMMERCE
To the Director of the United States Paten	10308	37.09 Zuvia tne	attached origin	al documents or co	pies thereof.
1. Name of conveying party(ies): Kotaro WATANABE (August 19, 2005) Hidekazu YOSHIDA (August 22, 2005) Tomoya TSUKADA (August 19, 2005) Hideyuki MIYASAKA (August 26, 2005)			LTD. 1ouchi 1-ch		112919 U.S. PTO 11/227125
Additional conveying party(ies) 3. Nature of conveyance: ASSIGNMENT Execution Date:	NO				
See dates above. 4. Application number(s) or patent number		Additional name	(s) & address	(es) attached?	NO
If this is being filed together with a new A. Patent Application Number(s		B. Pate	application is	and	ust 19, 22 26, 2005
Name and address of party to whom concerning document should be mailed		6. Total number	of application	ns/patents involve	ed: 1
Pavan K. Agarwal FOLEY & LARDNER LLP Washington Harbour 3000 K Street, N.W., Suite 50 Washington, D.C. 20007-514	00	7. Total fee (37 X Check End Charge to 8. Deposit acco	closed deposit accou	,	0.00
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9. Statement and signature: To the best of my knowledge and copy of the original document. The Commbe required in this matter to the above-ide	nissioner is hereby a	uthprixed to charg		nal recordation fe	es which may er 16, 2005
/ Name of person signing		✓ Sighature			Date
	Total number of pag	es including cover	sheet, attacl	nments, and docu	ment: 5

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PATENT REEL: 016997 FRAME: 0842

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ASSIGNMENT

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of

assignee

HITACHI, LTD.

6-6, Marunouchi 1-chome,

Chiyoda-ku, Tokyo 100-8280 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of

VALVE TIMING CONTROL APPARATUS FOR INTERNAL COMBUSTION

invention ENGINE

as set forth in this United States Patent Application

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	executed on		
	Serial No	filed	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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PATENT REEL: 016997 FRAME: 0843

Each of the undersigned hereby grants the firm of FOLEY & LARDNER LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name of first inventor	Kotaro WATANABE	K. Watanalia	Date: 08/19/2005	
Name of second inventor	Hidekazu YOSHIDA	K. Watanaleo Kidekaza Yoshida	Date: c8/22/2005	
Name of third inventor	Tomoya TSUKADA	Tomoya Tewkada	Date: 08/19/2005	
Name of fourth inventor:	Hideyuki MIYASAKA (deceased*)	Signature: deceased - see below	Date:	
I, Mr. Jiro Miyasaka, father of Mr. Hideyuki Miyasaka, am signing this declaration as the legal representative of Mr. Hideyuki Miyasaka. The foregoing statements in this declaration are made based on information and belief of the undersigned.				
Name of Legal Representative:	Jiro MIYASAKA	Signature:	Date:	
I, Mrs. Ayako Miyasaka, mother of Mr. Hideyuki Miyasaka, am signing this declaration as the legal representative of Mr. Hideyuki Miyasaka. The foregoing statements in this declaration are made based on information and belief of the undersigned.				
Name of Legal Representative:	Ayako MIYASAKA	Signature:	Date:	
NAMES AND SIGNATURES OF WITNESSES				
Name:		Signature:	Date:	
Name:		Signature:	Date:	
Name:		Signature:	Date:	
Name:		Signature:	Date:	

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U.S. Rights--Sole or Joint

ASSIGNMENT

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Chiyoda-ku, Tokyo 100-8280 Japan

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	executed on			
	Serial No	filed		

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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002.1443780.1

PATENT REEL: 016997 FRAME: 0845

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NAMES AND SIGNATURES OF INVENTORS				
Name of first inventor	Kotaro WATANABE		Date:	
Name of second inventor	Hidekazu YOSHIDA		Date:	
Name of third inventor	Tomoya TSUKADA		Date:	
Name of fourth inventor:	Hideyuki MIYASAKA (deceased*)	Signature: deceased - see below	Date:	
I, Mr. Jiro Miyasaka, father of Mr. Hideyuki Miyasaka, am signing this declaration as the legal representative of Mr. Hideyuki Miyasaka. The foregoing statements in this declaration are made based on information and belief of the undersigned.				
Name of Legal Representative:	Jiro MIYASAKA	Signature: Jiro, Miyasaka	Date: 08/26/2005	
I, Mrs. Ayako Miyasaka, mother of Mr. Hideyuki Miyasaka, am signing this declaration as the legal representative of Mr. Hideyuki Miyasaka. The foregoing statements in this declaration are made based on information and belief of the undersigned.				
Name of Legal Representative:	Ayako MIYASAKA	Signature: Ayako miyasuka	Date: 08/26/2005	
NAMES AND SIGNATURES OF WITNESSES				
Name:		Signature:	Date:	
Name:		Signature:	Date:	
Name:		Signature:	Date:	
Name:		Signature:	Date:	

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-2-

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