> \$40,00 1229;

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shuichi EZAKI	08/18/2008
Manabu TATENO	08/18/2008
Akio KIDOOKA	08/18/2008

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, Toyota-cho, Toyota-shi	
City:	Aichi-ken	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12293465

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 07057.0287-00000

NAME OF SUBMITTER: Ann Denikos

Total Attachments: 1

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PATENT REEL: 021550 FRAME: 0157

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07057, 0287 JWE (7+N060494-US)

> SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No.

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

VALVE DRIVE SYSTEM AND VALVE DRIVING METHOD					
for which I/WE executed an applica	tion for United States Letters P	atent concurrently herewith or filed an application for			
United States Letters Patent on	, 20 (Application No.); and			
WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA					
a corporation of <u>Japan</u>					
whose post office address is 1, 7	oyota-cho, Toyota-shi, Aichi-ki	en, 471-8571 Japan			

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

FULL NAME OF SOLE OR FIRST ASSIGNOR Shuichi EZAKI	ASSIGNOR'S SIGNATURE Shuichi Ezaki	DATE August 18, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-85	CITIZENSHIP JAPAN	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Manabu TATENO	manahu Tateno	August 18, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8	CITIZENSHIP JAPAN	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Akio KIDOOKA	ASSIGNOR'S SIGNATURE	DATE
	Shir Kilosku	August 18, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8	CITIZENSHIP JAPAN	

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PATENT REEL: 021550 FRAME: 0158