502054351 09/10/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Hidetaka OGISHI	08/24/2012
Tetsuya MIZONE	08/24/2012
Kouhei TAKEMURA	08/24/2012
Tomihiko YANAGIGUCHI	08/24/2012

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.		
Street Address:	1-1, Minami-Aoyama 2-chome,		
Internal Address:	Minato-ku		
City:	Tokyo		
State/Country:	JAPAN		
Postal Code:	107-8556		

Name:	DAIKIN INDUSTRIES, LTD.		
Street Address:	Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku		
City:	Osaka-shi, Osaka		
State/Country:	JAPAN		
Postal Code:	530-8323		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13583495

CORRESPONDENCE DATA

Fax Number: 7032058050 7032058000 Phone:

mailroom@bskb.com, mussie.beyene@bskb.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

PATENT

REEL: 028929 FRAME: 0023

Correspondent Name: BIRCH, STEWART, KOLASCH, & BIRCH, LLP.

Address Line 1: P.O. BOX 747

Address Line 4: Falls Church, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER: 5051-0213PUS1

NAME OF SUBMITTER: Paul C. Lewis

Total Attachments: 4

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PATENT REEL: 028929 FRAME: 0024

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No	o. <u>13/583,495</u>	Filed	September 7, 2012			
Insert Name(s)	***(Given Name FAMILY NAMI	E (ALL CAP	5))***			
of Inventor(s)			Kouhei TAKEMURA, Tomihiko YANAGIGUCHI invented certain new and useful improvements in:			
Insert Title of Invention	VEHICLE VALVE STEM SEAL					
	for which an application for Letters Paten undersigned (except in the case of a provisi		Inited States of America has been executed by the cation)			
Insert Date of Signing of	OnAugust 24, 2012		; and			
Application Insert Name	WHEREAS, 1. HONDA MOTOR CO., LTD., 2. DAIKIN INDUSTRIES, LTD.					
of Assignee Insert Address of Assignee			vo 107-8556, Japan ni 2-Chome, Kita-ku, Osaka-Shi, Osaka 530-8323,			
		est in and	(hereinafter designated as the Assignee) is desirous to said invention and in and to any Letters Patent(s) merica and			
IF APPROPRIATE	NOW, THEREFORE, for good and valuable the undersigned has (have) sold, assigned transfer unto said Assignee the full and examerica, its territories, dependencies and pand all Letters Patent(s) which may be grant to the same and all Letters Patent(s) which may be grant to the same and the sa	and trans exclusive cossession anted there	ration, the receipt of which is hereby acknowledged, ferred, and by these presents does sell, assign and right to the said invention in the United States of and the entire right, title and interest in and to any efor in the United States of America, its territories, a designated, in any and all foreign countries; and to			

any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

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terms for which the same may be granted.

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 Assignee may deem 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 Patent(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).

Date	AUG. 2 4. 2012	,	Name of Inventor	Hidetaka Ogishi (signature) Hidetaka OGISHI
Date	AUG. 2 4. 2012	,	Name of Inventor	Tetsuya Mizone (signature) Tetsuya MIZONE
Date		,	Name of Inventor	(signature) Kouhei TAKEMURA
Date		,	Name of Inventor	(signature) Tomihiko YANAGIGUCHI

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UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No	o. <u>13/583,495</u>	Filed	September 7, 2012		
Insert Name(s) of Inventor(s)	***(Given Name FAMILY	NAME (ALL CAPS))	***		
or inventor(s)			ouhei TAKEMURA, Tomihiko YANAGIGUCHI nvented certain new and useful improvements in:		
Insert Title of Invention	VEHICLE VALVE STEM SEAL				
	for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)				
Insert Date of Signing of	On August 24, 2012		; and		
Application Insert Name of Assignee	WHEREAS, 1. HONDA MOTOR C	O., LTD., 2. DA	IKIN INDUSTRIES, LTD.		
Insert Address of Assignee	of 1. 1-1, MinamiAoyama 2-chome, N 2. Umeda Center Building, 4-12, Japan		107-8556, Japan 2-Chome, Kita-ku, Osaka-Shi, Osaka 530-8323,		
	its heirs, successors, legal representati	interest in and to	hereinafter designated as the Assignee) is desirous said invention and in and to any Letters Patent(s) erica and		
CHECK BOX IF APPROPRIATE	in any foreign countries.				
	the undersigned has (have) sold, assi transfer unto said Assignee the full a America, its territories, dependencies and all Letters Patent(s) which may be dependencies and possessions, and if t	gned and transfer and exclusive rig and possessions a be granted therefo the box above is d nuations, convers	tion, the receipt of which is hereby acknowledged, rred, and by these presents does sell, assign and ght to the said invention in the United States of and the entire right, title and interest in and to any or in the United States of America, its territories, designated, in any and all foreign countries; and to sions and extensions thereof for the full term or		

Page 1 of 2

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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 Assignee may deem necessary or expedient.

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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 patent(s) or 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.

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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).

Date		,	Name of Inventor	
				(signature) Hidetaka OGISHI
•				
Date		;	Name of Inventor	(signature) Tetsuya MIZONE
Date	AUG. 24. 2012	,	, Name of Inventor	Konhei Takemura
				(signature) Kouhei TAKEMURA
Date	AUG. 24. 2012	,	Name of Inventor	Tarihiko Youngi Jacki
		 -		(signature) Tomihiko YANAGIGUCHI

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PATENT REEL: 028929 FRAME: 0028

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RECORDED: 09/10/2012

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