501836970 02/29/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takahiko SHIMIZU	02/27/2012
Makoto MITSUKAWA	02/27/2012
Kuniharu KIMURA	02/27/2012
Takatoshi TATSUMI	02/27/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13407433

CORRESPONDENCE DATA

Fax Number: (703)205-8050 Phone: 703-205-8000

Email: mailroom@bskb.com, bekek@bskb.com

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

Mail.

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:	0505-2114PUS1	
NAME OF SUBMITTER:	James M. Slattery	

Total Attachments: 2

source=20120229assignment0505-2114pus1#page1.tif source=20120229assignment0505-2114pus1#page2.tif

PATENT REEL: 027783 FRAME: 0914 0.00 1340743

BIRCH, STEWART, KOLASCH & BIRCH, LLP

United States Patent rights, or United States plus all foreign patent rights

ASSIGNMENT

Application N	To. 13/407,433	Filed	February 28, 2012
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***		
	WHEREAS, Takahike SHIMIZU TATSUMI (hereinafter designated a improvements in:	J, Makoto M as the undersign	TTSUKAWA, Kuniharn KIMURA, Takatosh ed) has (have) invented certain new and useful
Insert Title of Invention	EXHAUST PURIFYING APPARA	fus of saddi	E-RIDE TYPE VEHICLE
	for which an application for Letters undersigned (except in the case of a pr	Patent of the Un	ited States of America has been executed by the
Insert Date of Signing of	On February 27, 2012		; and
Application Insert Name of Assignee Insert Address of Assignee CHECK BOX F APPROPRIATE	WHEREAS, HONDA MOTOR CO.,	LTD.	
	of 1-1, Mînami-Aoyama 2-chome, Mir		•
	its heirs, successors, legal representation of acquiring the entire right, title and it that may be granted therefor in the Unir in any foreign countries.	interest in and to	hereinafter designated as the Assignee) is desirous said invention and in and to any Letters Patent(s) erica and
	transfer unto said Assignee the full a America, its territories, dependencies a and all Letters Patent(s) which may be dependencies and possessions, and if the	med and transfer and exclusive right and possessions are granted therefor to box above is displayed.	ion, the receipt of which is hereby acknowledged, and by these presents does sell, assign and the to the said invention in the United States of and the entire right, title and interest in and to any in the United States of America, its territories, esignated, in any and all foreign countries; and to ions and extensions thereof for the full term or

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 1 of 2

JMS/JMS/Ijr

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 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.

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	FEB. 2 7. 2012	Name of Inventor	TORGETT AND THE INVOLUTION
Date	FEB. 2 7. 2012	Name of Inventor	
Date	FEB. 2 7.2012	Name of Inventor	
Date	FEB. 2 7. 2012	Name of Inventor	(signature) Kuniharu KIMURA Takatoshi Tatsumi
Date	,	Name of Inventor	(signature) Takatoshi TATSUMI
Date		Name of Inventor	(signature)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 2 of 2

JMS/JMS/Ijr

PATENT REEL: 027783 FRAME: 0916

RECORDED: 02/29/2012