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SUBMISSION TYPE:		NEW ASSIGN	MENT			
NATURE OF CONVEYANCE:		ASSIGNMEN	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name			Execution Date	
NAOYA HASHII					12/19/2014	
RECEIVING PARTY DA	TA					
Name:	MITSU	MITSUBISHI ELECTRIC CORPORATION				
Street Address:	7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU					
City:	ТОКҮО					
State/Country:	JAPAN	JAPAN				
Postal Code:	100-83	100-8310				
Application Number:		4420824				
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided		ssful, it will be se om, sughrue@sug LLC IIA AVENUE, N.W	<i>nt via US M</i> hrue.com		
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FPM-20561

ASSIGNMENT

hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled <u>FUEL INJECTION VALVE</u>

which was executed by the undersigned on	
or was filed on October 23, 2012	and accorded Serial No.
PCT/JP2012/077341	(hereinafter called the Application);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

(Naoya HASHII) Naoya Kashii

DATE <u>December 19,2</u>014

PATENT REEL: 034931 FRAME: 0148

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