502293024 03/31/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Koichi HATAMURA	03/13/2013

RECEIVING PARTY DATA

Name:	Hatamura Engine Research Office, Ltd.	
Street Address:	6-15-23, Hachihonmatsu-Minami	
City:	: Higashihiroshima-shi, Hiroshima	
State/Country:	JAPAN	
Postal Code:	739-0144	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12599470

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NAME OF SUBMITTER: Randolph A. Smith

Total Attachments: 2

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PATENT REEL: 030119 FRAME: 0828 OF \$40.00 12599470

ASSIGNMENT

WHEREAS, Mr. Koichi HATAMURA of 2101-3, Murakami, Yachiyoshi, Chiba pref., 276-0028, Japan is the fifty (50 %) percent owner of those certain United States patent applications set forth on Schedule A hereto (the "Patent Applications"); and

WHEREAS, Hatamura Engine Research Office, Ltd. of 6-15-23, Hachihonmatsu-Minami, Higashihiroshima-shi, Hiroshima pref., Japan is desirous of acquiring the entire right, title and interest in and to Mr. Koichi HATAMURA's share of the Patent Applications and the aforesaid invention and in and to Mr. Koichi HATAMURA's share of any Letters Patents of the United States which may be granted therefor;

NOW THEREFORE, in consideration for good and valuable consideration, the receipt of which is hereby acknowledged, Mr. Koichi HATAMURA, hereby assigns and transfers unto Hatamura Engine Research Office, Ltd., its successors, legal representatives, and assigns, all of Mr. Koichi HATAMURA's rights, title, and interest in and to the Patents as described in the above mentioned patent applications set forth on Schedule A and in and to any Letters Patents of the United States which may be granted on these applications;

Mr. Koichi HATAMURA, HEREBY authorizes and requests the Commissioner for Patents or any other proper officer or agency of the United States to issue said Letters Patent to Hatamura Engine Research Office, Ltd.;

Mr. Koichi HATAMURA, HEREBY warrants and covenants that he has the full right to convey the entire interest herein assigned and has not executed and will not execute any instrument or assignment in conflict herewith;

In witness whereof, Mr. Koichi HATAMURA's has executed this Assignment on the date indicated below,

Name : Koichi HATAMURA

Signature: <u>ld. Wetanwau</u>

Title: <u>Dr.</u>

Date: <u>13 March</u>, 2013

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Schedule A

U.S. Patent Applications

				Completion of All
	No.	Application No.	U.S. Filing Date	35 USC 371 Requirements
- [1	12/599,470	November 9, 2009	March 23, 2010
1	2	12/601,200	November 20, 2009	March 18, 2010

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RECORDED: 03/31/2013