### PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	TY DATA				
Name			Execution Date		
Masatsugu TAKEMOTO			11/06/2011		
Hiroyuki MITANI			11/16/2011		
Hirofumi HOJO		11/16/2011			
Koji INOUE		11/16/2011			
Osamu OZAKI			11/16/2011		
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PROPERTY NUMB	ERS Total: 1				
Property Type		Number			
Application Number:		13379506			
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Address Line 1: 1940 Duke Stre	Oblon, Spivak, et al. 1940 Duke Street Alexandria, VIRGINIA 22314		
ATTORNEY DOCKET NUMBER:	391115US41XPCT		
NAME OF SUBMITTER:	Adel Samuel		
Total Attachments: 3 source=391115USAssignment#page1.tif source=391115USAssignment#page2.tif source=391115USAssignment#page3.tif			

#### ASSIGNMENT

For value received, I, Masatsugu TAKEMOTO, residing at c/o NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, Kita 8-jyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 Japan,

Hiroyuki MITANI, Koji INOUE and Osamu OZAKI, residing at c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, and

Hirofumi HOUJOU residing at c/o Takasago Works in Kobe Steel, Ltd., 3-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan, hereby sell, assign, and transfer to

NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, an university existing under the laws of Japan, located Kita 8-jyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 Japan, and

KABUSHIKI KAISHA KOBE SEIKO SHO, a corporation existing under the laws of Japan, located at 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan,

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

#### AXIAL MOTOR

described in an application for Letters Patent of the United States,

[X] having an oath or declaration by me/us executed on even date herewith; [] bearing Serial No. <u>13/379,506</u> and filed on <u>December 20, 2011</u>, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

The Assignor(s) hereby authorizes and requests the attorneys of OBLON, SPIVAK, McCLELLAND MAIER & NEUSTADT, L.L.P. of 1940 Duke Street Alexandria, Virginia 22314, to insert in the spaces provided above the filing date, serial number, and attorney docket number of said application if not previously inserted.

Signature Masatron Jakomoto Date Nov. 6, 2011 Masatsugu TAKEMOTO

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Signature <u>= 16,2011</u> Hirovuki MITANI Hiroyuki MITANI

Signature <u>HIROFUMI HOJO</u> Date <u>November 16,2011</u> Hirofumi HO<del>U</del>JO<del>U</del> H.H.

Signature 并上 浩司 Date November 16,2011 Koji INOUE

Signature 72 45 hts Date November 16,2011 Osamu OZAKI