

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masaya INOUE	07/06/2010
Masao MORITA	07/26/2010
Kanji SHINKAWA	07/26/2010
Toshiyuki YOSHIKAWA	07/26/2010
Moriyuki HAZEYAMA	07/26/2010
Hirokazu AKAI	08/07/2010
Kazunori TANAKA	07/28/2010
Shinji NISHIMURA	07/08/2010
Hiroyuki AKITA	07/12/2010
Ryuichi SHIMOMURA	07/21/2010

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	100-8310

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12921319

CORRESPONDENCE DATA

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OP \$40.00 12921319

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366588US2PCT

NAME OF SUBMITTER:

Etsegenet Nega

Total Attachments: 2

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Masaya INOUE, Masao MORITA, Kanji SHINKAWA, Toshiyuki YOSHIZAWA, Moriyuki HAZEYAMA, Hirokazu AKAI, Kazunori TANAKA, Shinji NISHIMURA, Hiroyuki AKITA and Ryuichi SHIMOMURA 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 AUTOMOTIVE DYNAMOELECTRIC MACHINE which was executed by the undersigned on _____ or was filed on March 21, 2008 and accorded Serial No. PCT/JP2008/055253 (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):

		DATE
(Masaya INOUE)	<u>Masaya Inoue</u>	<u>July 6, 2010</u>
(Masao MORITA)	<u>Masao Morita</u>	<u>July 26, 2010</u>
(Kanji SHINKAWA)	<u>Kanji Shinkawa</u>	<u>July 26, 2010</u>

INVENTOR(S):

DATE

(Toshiyuki YOSHIZAWA)	<u>Toshiyuki Yoshizawa</u>	<u>July 26, 2010</u>
(Moriyuki HAZEYAMA)	<u>Moriyuki Hazeiyama</u>	<u>July 26, 2010</u>
(Hirokazu AKAI)	<u>Hirokazu Akai</u>	<u>August 7, 2010</u>
(Kazunori TANAKA)	<u>Kazunori Tanaka</u>	<u>July 28, 2010</u>
(Shinji NISHIMURA)	<u>SHINJI NISHIMURA</u>	<u>July 8, 2010</u>
(Hiroyuki AKITA)	<u>Hiroyuki Akita</u>	<u>July 12, 2010</u>
(Ryuichi SHIMOMURA)	<u>Ryuichi SHIMOMURA</u>	<u>July 21, 2010</u>