### 503153889 01/28/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3200502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHINICHIRO YOSHIDA	11/13/2014
SHUICHI TAMURA	11/17/2014
MASAYA INOUE	11/19/2014
AKIHIRO YAMAMURA	11/19/2014
KOICHI OJIMA	11/19/2014
SHOGO OKAMOTO	11/20/2014
YUTARO SHIRAI	11/19/2014

#### **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:	14417743

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)293-7860

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 2022937060

**Email:** rknight@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE NW

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q217120
NAME OF SUBMITTER:	CHRISTOPHER KNIGHT
SIGNATURE:	/Christopher Knight/
DATE SIGNED:	01/28/2015

503153889 PATENT REEL: 034826 FRAME: 0632 **Total Attachments: 1** 

source=Q217120AssignmentExecuted#page1.tif

PATENT REEL: 034826 FRAME: 0633

#### 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.
Shinichiro YOSHIDA, Shuichi TAMURA, Masaya INOUE, Akihiro YAMAMURA,
Koichi OJIMA, Shogo OKAMOTO and Yutaro SHIRAI
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:

- (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):

(Shinichiro YOSHIDA) Shinichiro Yoshida Nov. 13, 2014

(Shuichi TAMURA) Shuichi Tamura Nov. 17, 2014

(Masaya INOUE) Nascya Inou e Nov. 19, 2014

(Akihiro YAMAMURA) Akihiro Yamamara Nov. 19, 2014

(Koichi OJIMA) Shogo Chamoto Nov. 19, 2014

(Shogo OKAMOTO) Shogo Chamoto Nov. 20, 2014

(Yutaro SHIRAI) Yutaro Shirai Nov. 19, 2015

PATENT REEL: 034826 FRAME: 0634

RECORDED: 01/28/2015