### 502882775 07/08/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAZUNORI TANAKA	04/14/2014
TOSHIYUKI OONISHI	04/14/2014

#### **RECEIVING PARTY DATA**

Name:	MITSUBISHI ELECTRIC CORPORATION
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City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8310

# **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14371039	

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	BRIAN T. MURRAY, NEW APPS. SPECIALIST
SIGNATURE:	/Brian T. Murray/
DATE SIGNED:	07/08/2014

**Total Attachments: 1** 

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PATENT 502882775 REEL: 033261 FRAME: 0884

# **ASSIGNMENT**

consi	In consideration of the sum of One Dollar (\$1.00), and other gooderation, the receipt of which is hereby acknowledged, the undersi	od and valuable gned,			
hereb	Kazunori TANAKA and Toshiyuki OONISHI y sells, assigns and transfers to				
	MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO	100-8310 JAPAN			
(here	inafter called the Assignee), its successors and assigns, the entire r	ight, title, and interest			
(i)	the application for United States Letters Patent entitled				
	which was executed by the undersigned on				
	or was filed on March 9, 2012 and accorded Serial N	0.			
	PCT/JP2012/056141 (hereinafter called t				
(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 appoint application are authorized to insert in this instrument the filing date dapplication.	nted to prosecute said ate and serial number			
Lette	The Commissioner of Patents and Trademarks is authorized to its Patent, when granted, to said Assignee.	ssue any and all of said			
appli paper	Further, it is agreed that, when requested, without charge to but mee, the undersigned will execute all divisional, continuing, substitutions; execute all additional assignments and other writings, inclus; and provide all reasonable assistance requested by the Assignee opriate patent protection.	tute, or reissue patent uding reexamination			
INVI	ENTOR(S):	DATE			
(Ka	shiyuki OONISHI) Toshiyuli OONISHI	April 14,2014			
(Tos	shiyuki OONISHI) <i>Toshiyuki OONISHI</i>	April , 14 , 2014			

PATENT REEL: 033261 FRAME: 0885

**RECORDED: 07/08/2014**