### 501945558 06/06/2012

#### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Akiyoshi KATAYAMA	05/18/2012
Takashi MATSUMOTO	05/21/2012

#### **RECEIVING PARTY DATA**

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

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13467658

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: Q130587

NAME OF SUBMITTER:

Alexander E. Auerbach, New App. Spec.

Total Attachments: 1

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PATENT

REEL: 028326 FRAME: 0842

OF \$40.00 1346/658

# ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00), and ot ideration, the receipt of which is hereby acknowledged, the takiyoshi KATAYAMA and Takashi MATSUMOTO				
herel	by sells, assigns and transfers to	:			
	MITSUBISHI ELECTRIC CORPORAT of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO				
(here in an	inafter called the Assignee), its successors and assigns, the ed to:	entire right, title, and interest			
(i)	the application for United States Letters Patent entitled PU AND CONTROL DEVICE AND METHOD FOR INTERNAL COME				
	which was executed by the undersigned on the dates in	ndicated below			
	or was filed on May 9, 2012	and accorded Serial No.			
	13/467,658 (hereinafter called the Applic	cation);			
(ii)	any and all inventions and improvements which are described in the Application;				
(iii)	i) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);				
(iv)	v) 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 Pro-	tection of Industrial Property.			
	Said Assignee of said patent application and the attorneys at application are authorized to insert in this instrument the fid application.				
Lette	The Commissioner of Patents and Trademarks is authorizers Patent, when granted, to said Assignee.	ed to issue any and all of said			
appli paper	Further, it is agreed that, when requested, without charge gnee, the undersigned will execute all divisional, continuing cations; execute all additional assignments and other writing as; and provide all reasonable assistance requested by the Aspriate patent protection.	substitute, or reissue patent significant			
INVI	ENTOR(S):	DATE			
( <u>Al</u>	kiyoshi KATAYAMA) Aki yoshi Katayaha Kashi MATSUMOTO) Takashi Matsumoto	May 18, 2012			
( <u>Ta</u>	kashi MATSUMOTO) Takashi Matsumoto	May 18 2012 May 21, 2012			
	· 1				

**RECORDED: 06/06/2012** 

PATENT REEL: 028326 FRAME: 0843