## 501841532 03/05/2012

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Soichiro KAINAGA	02/06/2012
Takao TSURIMOTO	02/06/2012
Takahiro ISHIKAWA	02/08/2012
Hirotaka MUTO	02/08/2012
Hiroki OTERA	02/06/2012
Tetsuya MATSUDA	02/06/2012
Koji KISE	02/06/2012
Noboru HOSOKAWA	02/09/2012
Kiyoyuki ISHIKAWA	02/09/2012
Koji SHINYA	02/09/2012
Ryuichi NISHIURA	02/09/2012

## **RECEIVING PARTY DATA**

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13394222

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**PATENT** 

REEL: 027805 FRAME: 0393

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Total Attachments: 2

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PATENT REEL: 027805 FRAME: 0394

## **ASSIGNMENT**

	In consideration of the sum of One Dollar (\$1.00), and other deration, the receipt of which is hereby acknowledged, the under Soichiro KAINAGA, Takao TSURIMOTO, Takahiko ISHIK Hiroki OTERA, Tetsuya MATSUDA, Koji KISE, Noboru HKiyoyuki ISHIKAWA, Koji SHINYA and Ryuichi NISHIUI y sells, assigns and transfers to	ersigned,			
	MITSUBISHI ELECTRIC CORPORATION				
	of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-	8310 JAPAN			
(herei	nafter called the Assignee), its successors and assigns, the enti-	re right, title, and interest			
(i)	the application for United States Letters Patent entitled				
	which was executed by the undersigned on				
		and accorded Serial No.			
	PCT/JP2010/068265 (hereinafter	called the Application);			
(ii)	any and all inventions and improvements which are described	l 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, reexamination of the Application or Patent; and	ons, reissues, or extensions			
(v)	all benefits under the International Convention for the Protect	ion of Industrial Property.			
patent of said	Said Assignee of said patent application and the attorneys ap application are authorized to insert in this instrument the filing application.				
The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.					
applic papers	Further, it is agreed that, when requested, without charge to be nee, the undersigned will execute all divisional, continuing, surations; execute all additional assignments and other writings, it is; and provide all reasonable assistance requested by the Assignment patent protection.	bstitute, or reissue patent ncluding reexamination			
INVE	NTOR(S):	DATE			
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**PATENT** 

REEL: 027805 FRAME: 0395

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