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## PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Yuji HAMADA	04/19/2012
Yukio GOTO	04/19/2012
Masahiko IKAWA	04/19/2012
Shigeki MORITA	04/19/2012

## **RECEIVING PARTY DATA**

Name:	MITSUBISHI ELECTRIC CORPORATION	
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State/Country:	Japan	
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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13520353

#### CORRESPONDENCE DATA

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Total Attachments: 2

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PATENT REEL: 028481 FRAME: 0037 JP \$40.00 13520353

# **Assignment of Application**

	all of c/o Mitsubishi Electric	Corporation	, 7-3, Marunouchi 2-chome, Chiy	oda-ku,
	Tokyo 1008310 JAPAN			
	, <u>, ,</u> , ,			
			<del></del>	
<del>y</del>				
				, respectively
have invented cer	dain new and useful improvemen	nts in: COM	MUNICATION CONTROL APP	ARATUS AND
	ION CONTROL METHOD			
(Application No.	PCT/JP2011/054152	, filed	February 24, 2011	), and
WHEREAS,	Mitsubishi Electric Corporation	1		
(hereinafter refer	red to as "ASSIGNEE") having:	anlace of bu	siness at: 7-3, Marunouchi 2-choi	me. Chivoda-ku. Tokvo
1008310 JAPAN	is desirous of acquiring the ent	ire right, title	e and interest in and to said inve-	ntion and in and to an
Letters Patent th	at may be granted therefore in	the United	States and its territorial possessi-	ons and in any and ai

foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	April 19, 2012		Tuji Hamada
-		(Signature of Inventor)	Yuji HAMADA
Date:	April 19, 2012		Yukio Cato
		(Signature of Inventor)	Yukio GOTO
Date:	April 19, 2012		Masahiko Ikawa
•		(Signature of Inventor)	Masahiko IKAWA
Date:	April 19.2012		Shigehi Movita
-		(Signature of Inventor)	Shigeki MORITA

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RECORDED: 07/03/2012