PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENICHI MOROKUMA	02/26/2015
JUN TOMISAWA	02/25/2015
KAZUYASU NISHIKAWA	02/25/2015

RECEIVING PARTY DATA

Name:	me: MITSUBISHI ELECTRIC CORPORATION	
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State/Country:	tate/Country: Japan	
Postal Code: 100-8310		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14431359	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	451284US20PCT
NAME OF SUBMITTER:	TERRY EVANS
SIGNATURE:	/Terry Evans/
DATE SIGNED:	03/26/2015

Total Attachments: 2

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> **PATENT** REEL: 035261 FRAME: 0073 503236568

Assignment of Application

WHEREAS, I (WE)) Kenichi MOROKUMA	
	Jun TOMISAWA	
	and Kazuyasu NISHIKAWA	
	of 7-3, Marunouchi 2-Chome, Chiyoda-Ku, TOKYO 100-8310 JAPAN	
		
		
	, res	pectively,
have invented cert	ain new and useful improvements in: SIGNAL TRANSMITTING CIRCUIT	
(Application No.	PCT/JP2012/081378 , filed on December 4, 2012), and
WHEREAS,	Mitsubishi Electric Corporation	
TOKYO 100-8310	red to as "ASSIGNEES") having places of business at: <u>7-3, Marunouchi 2-Chome, Chironapper of JAPAN</u> , respectively are desirous of jointly acquiring interests in the entire right, title and tention and in and to any Letters Patent that may be granted therefore in the United State	d interest

territorial possessions and in any and all 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their 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 Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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, 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:	February 26, 2015	Kenichi Morokuma
	, 	(Signature of Inventor) Kenichi MOROKUMA
Date:	Feburary 25, 2015	Jun Tomi Sawa (Signature of Inventor) Jun TOMISAWA
Date:	February 2t, 2015	Kazuyasu Nishikawa (Signaturo of Inventor) Kazuyasu NISHIKAWA
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

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07/09