PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naotoshi TEZUKA	08/17/2010
Ryoichi SHIMIZU	08/18/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12992680	

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000
Email: dtyson@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 370173US2PCT/FF

NAME OF SUBMITTER: Derrick Tyson

Total Attachments: 2

source=370173USAssignment#page1.tif source=370173USAssignment#page2.tif

PATENT REEL: 025362 FRAME: 0372 OF \$40.00 1299268

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Naotoshi TEZUKA, c/o N	Aitsubishi Electric Co	orporation, 7-3, Mar	runouchi 2-chome,
INSERT NAMES AND RESIDENCE		Chiyoda-ku, Tokyo 100	0-8310 Japan, and		
ADDRESS OF THE INVENTORS:		Ryoichi SHIMIZU, c/o M	itsubishi Electric Cor	rporation, 7-3, Mart	ınouchi 2-chome,
		Chiyoda-ku, Tokyo 100	0-8310 Japan,	-12.4	
			· · · · · · · · · · · · · · · · · · ·		

					, respectively,
INSERT TITLE OF INVENTION	have invented certain no	ew and useful improvements			
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application	n for Letters Patent was execu	uted on <u>August</u>	17,2010 and	August 18, 2010
		· · · · · · · · · · · · · · · · · · ·			•
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE		tsubishi Electric Corporation			
	(hereinafter referred to a	as "ASSIGNEE") having a p	lace of business at:	7-3, Marunoucl	ii 2-chome,
	Chiyoda-ku, Tokyo 10	0-8310 Japan			
	is desirous of acquiring may be granted therefor	the entire right, title and inte e in the United States and its	erest in and to said in territorial possession	nvention and in and as and in any and all	to any Letters Patent that 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 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.

03/03

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, P.C. 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:	August 17, 2010	Naotoshi TEZUKA
Date:	August 18, 2010	(Signature of Inventor) Naotoshi TEZUKA Ryoichi SHIMIZU (Signature of Inventor) Ryoichi SHIMIZU
Date:		
		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

03/03

PATENT REEL: 025362 FRAME: 0374

RECORDED: 11/15/2010