502426777 07/19/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasuo ONODERA	06/10/2013
Takayuki NAKAGAWA	06/11/2013

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:	13980748

CORRESPONDENCE DATA

Fax Number: 2022937860

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

202-293-7060 Phone:

Email: bbai@sughrue.com, sughrue@sughrue.com

SUGHRUE MION, PLLC Correspondent Name:

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q205561	
NAME OF SUBMITTER:	Betsy Bai, New Applications Specialist	
Signature:	/Betsy Bai/	
Date:	07/19/2013	

Total Attachments: 1

source=Q205561_ASSIGNMENT#page1.tif

PATENT REEL: 030840 FRAME: 0638

U.S. ASSIGNMENT

(\$1.00), and of other good and valuable	consideration paid to the undersigne
, Tokyo 100-8310 Japan	The state of the s
by acknowledged, the undersigned ASSIG ext to the invention entitled	NOR hereby sells, assigns and transfers to
INING APPARATUS	10 T
as:	
; (Insert date of execution of appr	leation, if not concurrent)
Assignee's attorney is hereb data, when known	y authorized to usert in (b) the specified
reon, for the full term or terms for which th	e said Letters Patent(s) may be granted and
expedient, for securing, maintaining and e icution(s) and the issuance of said Letters I ition or other legal proceeding which may a	nforcing protection for said invention, Patent(s), in any interference, reissue, rise or be declared in relation to some, suc
(s) has (have) affixed his/her/then signature	r(s).
Yasuo ONODERA	6/10/2013
• • •	(Care) 6/11/2013
(Type Name)	6111 / 2013 (Date)
(Type Name)	(Dare)
(7)pc Name)	(Date)
(Type Name)	(Date)
	Tokyo 100-8310 Japan

PATENT REEL: 030840 FRAME: 0639

RECORDED: 07/19/2013