502583210 11/26/2013

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIYUKI MIYANAGI	11/25/2013

RECEIVING PARTY DATA

Name:	FUJI ELECTRIC CO., LTD.	
Street Address:	1-1 TANABESHINDEN, KAWASAKI-KU	
City:	KAWASAKI-SHI	
State/Country:	JAPAN	
Postal Code: 210-9530		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14078727	

CORRESPONDENCE DATA

 Fax Number:
 (703)726-6024

 Phone:
 703-726-6020

 Email:
 mail@rkmllp.com

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

Correspondent Name: ROSSI, KIMMS & MCDOWELL LLP

Address Line 1: P.O. BOX 826

Address Line 4: ASHBURN, VIRGINIA 20146

ATTORNEY DOCKET NUMBER:	FUJI-0773
NAME OF SUBMITTER:	VALERIE L. WATKINS
Signature:	/Valerie L. Watkins/
Date:	11/26/2013

Total Attachments: 1

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PATENT REEL: 031677 FRAME: 0994 OF \$40.00 140/8/2/

*** ASSIGNMENT ***

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, the undersigned agree(s)s to assign, and hereby does assign, transfer and set over to:

Name: FUJI ELECTRIC CO., LTD.

Address: 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki-shi 210-9530 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as:

Title: SEMICONDUCTOR UNIT AND SEMICONDUCTOR DEVICE USING THE SAME

and identified by the Assignee as 10P51432 US and ATTORNEY DOCKET NUMBER <u>FUJI-773</u> for which the undersigned has (have) executed and filed an application for patent in the United States of America on _______, and now designated as U.S. Patent Application No. _______.

The undersigned hereby agree(s) to: (1) execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient; (2) execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; (3) execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention of Protection of Industrial Property or similar agreements; and (4) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said applications or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned have full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of ROSSI, KIMMS & McDOWELL UP the power to insert on this assignment any further identification, including but not limited to the ATTORNEY DOCKET NUMBER, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the signature(s) of the undersigned:

	Print Name	Date	Signature
(1)	Toshiyuki MIYANAGI	Napular 25, 2013	Todnyukr Hyanagi
(2)		Month Day Yeler	, , , , , , , , , , , , , , , , , , ,
(3)		Morth Day Year	
(4)		Month Day Year	
. (5) (5)		Month Cay Year	
(6)	· · · · · · · · · · · · · · · · · · ·	Month Cay Year	
(0)		Month Day Year	
if out	This assignment should preferably be sign side the United States of America; or before a	ned before; a Notary Public if within the U Reast two witnesses. Witnessed by:	nited States of America; a U.S. Consul
(1)		Month/Day/Year	
(2)		Month/Day/Year	:

PATENT REEL: 031677 FRAME: 0995

RECORDED: 11/26/2013