## IAP10Rac'd PCT 03 FEB 2011

Form PTO-1595 (Rev 01-09) 02/08/20	11 US DEPARTMENT OF COMMERCE	
OMB No 0651-0027 (exp 02/28/20	United States Patent and Trademark Office	
1 / 3		
To the Director of the US P 10361718	ed documents or the new address(es) below	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Tsuguki NOMA (06/18/2010), Minoru MURAYAMA (06/18/2010), Satoshi UCHIDA (06/18/2010), and	NameROHM CO., LTD	
Tsutomu ISHIKAWA (06/18/2010)	Internal Address	
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address	
3. Nature of conveyance/Execution Date(s):	21, Saıın Mızosakı-cho, Ukyo-ku, Kyoto-shı	
Execution Date(s) <u>in parentheses after inventor name</u>		
X Assignment Merger Change of Name		
Security Agreement Joint Research Agreement	City Kyoto	
Government Interest Assignment	State	
Executive Order 9424, Confirmatory License	Country JAPAN Zip 615-8585	
Other	Additional name(s) & address(es)	
	attached?	
	This document is being filed together with a new application	
A Patent Application No (s) 12/734,665	B Patent No (s)	
Additional numbers attached?	Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name Steven M Rabin		
RABIN & BERDO, PC	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40 00	
Internal Address Atty Dkt MIY-179NP Street Address 1101 14th St , NW		
Suite 500	Authorized to be charged to deposit account	
	Enclosed	
1	None required (government interest not affecting title)	
City Washington	8. Payment Information	
State DC Z <sub>I</sub> p20005		
Phone Number (202) 371-8976		
Fax Number (202) 408-0924 Email Address / firm@rabinberdo.com	Deposit Account Number  Authorized User Name	
9. Signature:	, identification of the interest of the intere	
WHYT Slike	Echnique 2 2014	
Signature	February 3, 2011  Date	
Steven M Rabin - 29,102	Total number of pages including cover 3	
Name of Person Signing	sheet, attachments, and documents	

02/04/2011 TLUU22 00000023 12734665

01 FC:8021 40.00 OP

PATENT REEL: 025781 FRAME: 0907

Reference		Attorney	
ASSIGNMENT OF APPLICA	ATION FOR UNITED STATE	S LETTERS PATENT	
WHEREAS TSUGUKI NOMA	. Minoru MURAYAMA, Sat	oshi UCHIDA and collectively as the assignor, has	
Tsutomu ISHIKAWA invented a certain improvement	ent relation to	onecovery as the assignor, has	
SEMICONDUCTOR LAS			
execution of this instrum	ration for said application be ent; said application to be file	ing executed concurrently with the ed in the United States Patent and	
Trademark Office; [ X] said application having on October 17, 2008	ng been filed in the United S	tates Patent and Trademark Office	
Rabin, Robert H. Berdo,	Jr., Phillip G. Avruch, and Al	iven to my attorneys, Steven M. len Wood of RABIN & BERDO, P.C.,	
	Washington, D.C. 20005, to	insert here in parentheses) the application serial number	
of said application when	known;		
AND WHEREAS ROH	M CO., LTD. acquiring the entire right, title	, hereinafter referred to as the	
application, including any	and all divisions and contin	uations thereof, and in and to said	
invention and any and all renewals, reissues and p	I patents which may be grant prolongations thereof:	ted therefor, including any and all	
NOW THIS WITNES	SETH, that for and in consid	teration of One Dollar (\$1.00), and	
other good and valuable of which is hereby ackno	consideration paid by said a wiedoed, said assignor here	ssignee to said assignor, the receipt by assigns, sells and transfers to	
said assignee, and said a	essignee's successors and a	assigns, the full and exclusive right.	
title and interest in and to continuations thereof, an	o said application, including a	any and all divisions and d any and all patents which may be	
granted therefor, including	ng any and all renewals, reis:	sues and prolongations thereof, said	
assignee, and said assig	inee's successors and assign	ns, to have, hold, exercise and enjoy nd continuations thereof, and the said	
invention and any and all	patents which may be grant	ted therefor, including any and all	
renewals, reissues and p	prolongations thereof, with all	the rights, powers, privileges and	
terms of any and all such	rising from or appertaining ti a patents when granted, incli	nereto, for and during the term or uding any and all renewals, reissues	
and prolongations thereo	of, for the use and benefit of	said assignee, and said assignee's	
Successors and assigns,	in as ample and beneficial a	manner as the said assignor might	
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or could have held and e AND said assignor he said assignee's successe	in as ample and beneficial a injoyed the same, if this easi eraby agrees to perform, upo ors or assigns, any and all a	a manner as the said assignor might gnment had not been made. on the request of said assignee, or cts relating to the obtaining or to the	
or could have held and e AND said assignor he said assignee's successor asserting of said patents,	in as ample and beneficial a injoyed the same, if this easi eraby agrees to perform, upo ors or assigns, any and all a	a manner as the said assignor might gnment had not been made, on the request of said assignee, or	
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**PATENT** 

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## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

Page 2 of 2	2 1 2
WITNESSES: Signature:	ASSIGNOR: Saleshi Achida
Name:	Name: Satoshi UCHIDA
Address	
	ASSIGNOR: 11000
• Name:	Name: Tsutomu ISHBKAWA .
Address	·
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name:	Name:
Address:	<del></del>

PATENT REEL: 025781 FRAME: 0909

**RECORDED: 02/03/2011**