PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVEYA	NCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		N	ame	Execution Date
Masatoshi ARAI				05/15/2013
Takashi TABUCHI				05/15/2013
RECEIVING PARTY DA	TA			
Name:	KABUSHIKI KA	ISHA	TOSHIBA	
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City:	Minato-ku, Toky	<i>/</i> 0		
State/Country:	JAPAN			
PROPERTY NUMBERS	Total: 1			
Property Ty	pe		Number	
Application Number:	1	39048	369	
CORRESPONDENCE D	ΑΤΑ			
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Correspondence will be	sent via US Maii	il when	n the fax attempt is unsuccessful.	130
Phone:	212319490			
Email:	akulkarni@			00 075 740 00
Correspondent Name: Address Line 1:	220 Fifth A		, GOODMAN & CHICK PC	74
Address Line 1:	16TH Floo		5	
Address Line 4:			W YORK 10001-7708	
ATTORNEY DOCKET N	IUMBER:		13436	
NAME OF SUBMITTER:	:		Amit Kulkarni	
Signature:			/ak/	
Date:			05/29/2013	
Total Attachments: 2 source=13436_Declarati source=13436_Declarati	-			

Combined Declaration and Assignment					
Title of Invention	SEMICONDUCT	ÖR DEVICE			
As the below	w named inventor, I he	reby declare that:			
This declara		ttached application, or			
	[] United	I States application or PCT internation of PCT international provided on	onal application		
The above-i	dentified application w	as made or authorized to be made b	by me.		
I believe tha application.	It I am the original inve	ntor or an original joint inventor of a	claimed invention in the		
address at j hereinafter i to all applica divisions, re pursuant to property, inc I authorize s as the applic	I-1. Shibaura 1-chom referred to as "Assigne ations for patent and pa issues, continuations, any and all internation pluding rights of priority add Assignce to file an	I sell and assign to <u>Kabushiki Kals</u> e. <u>Minato-ku</u> . <u>Tokyo</u> , <u>Japan</u> , its suc e", my entire right, title and interest i atents for said invention, in all counti substitutions and extensions thereof al agreements, treaties or laws relati resulting from the filling of any of sa d prosecute an application or applica- official whose duty it is to issue pate	cessors, assigns or nominees, in and to said invention, and in and ries of the world, including all and all rights arising under or ing to the protection of intellectual aid applications. ations for patent for said invention		
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to ald said Assignee to obtain and enforce proper patent protection for said invention in all countries.					
		ful false statement made in this deci ment of not more than five (5) years			
		LEGAL NAME OF INVENTOR			
Masi	atoshi ARAI	Masatoshi ARAI	May 15, 2013		
	Inventor	Signature	Date		

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> PATENT REEL: 030507 FRAME: 0289

ADG064928-USA-A

Combined Declaration and Assignment				
Title of Invention	SEMICONDUCT	OR DEVICE		
As the belo	w named inventor, I he	reby declare that:		
This declara		ttached application, or		
IS UNECLEU ([] United	d States application or PCT internati er filed on	onal application	
The above-i	dentified application w	as made or authorized to be made I	ру me.	
I believe the application.	It I am the original inve	intor or an original joint inventor of a	claimed invention in the	
to all applica divisions, re	ations for patent and p	atents for said invention, in all count substitutions and extensions thereo	ries of the world, including all	
divisions, re pursuant to property, inc I authorize a as the applie	Issues, continuations, any and all internation duding rights of priority add Assignee to file an	atents for said invention, in all count	ries of the world, including all f and all rights arising under or ing to the protection of intellectual aid applications. ations for patent for said invention	
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divisions, re pursuant to property, inc I authorize s as the applic invention to I agree that communicat testify in any applications Assignee to I hereby ack	Issues, continuations, any and all internation duding rights of priority add Assignee to file an cant, and I request any said Assignee. on request and withou to said Assignee or i r legal proceeding, sig , make all rightful oath obtain and enforce pro-	atents for said invention, in all count substitutions and extensions thereof al agreements, treaties or laws relat r, resulting from the filing of any of s of prosecute an application or applic r official whose duty it is to issue pat t further consideration, but at the ex its representatives all facts known to n all lawful papers, execute all divisi s and declarations, and generally do	ries of the world, including all f and all rights arising under or ing to the protection of intellectual aid applications. ations for patent for said invention ents, to issue any patent on said pense of said Assignee, I will me respecting said invention and onal, continuing, reissue, or other everything possible to aid said tion in all countries.	
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divisions, re pursuant to property, inc I authorize s as the applic invention to I agree that communicat testify in any applications Assignee to I hereby ack 18 U.S.C. 10	Issues, continuations, any and all internation duding rights of priority add Assignee to file an cant, and I request any said Assignee. on request and withou to said Assignee or i r legal proceeding, sig , make all rightful oath obtain and enforce pro-	atents for said invention, in all count substitutions and extensions thereof al agreements, treaties or laws relat y, resulting from the filing of any of s id prosecute an application or applic official whose duty it is to issue pat it further consideration, but at the ex- its representatives all facts known to in all lawful papers, execute all divisi- s and declarations, and generally do oper patent protection for said inven- ful false statement made in this declaration ment of not more than five (5) years	ries of the world, including all f and all rights arising under or ing to the protection of intellectual aid applications. ations for patent for said invention ents, to issue any patent on said pense of said Assignee, I will me respecting said invention and onal, continuing, reissue, or other everything possible to aid said tion in all countries.	

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