502105557 10/24/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Second Assignor's name previously recorded on Reel 029046 Frame 0187. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Kazuyuki HIGASHI	09/18/2012
Yoshiaki SUGIZAKI	09/18/2012

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13601088

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000

Email: araza@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	404143US2
NAME OF SUBMITTER:	Amna Raza

Total Attachments: 4

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> PATENT REEL: 029187 FRAME: 0706

OF \$40.00 13601088

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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuyuki HIGASHI	09/18/2012
Yashiaki SUGIZAKI	09/18/2012

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13601088

CORRESPONDENCE DATA

Fax Number:

7034132220

Phone:

(703) 413-3000

Email:

mkassaye@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it

will be sent via US Mail.

Correspondent Name: Oblon, Spivak, et al.

1940 Duke Street

Address Line 1: Address Line 4:

Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:

404143US2

NAME OF SUBMITTE	≣R:	Mesfin Kassaye
Signature:		/Mesfin Kassaye/
Date:		09/28/2012
Total Attachments: 2 source=404143US2ASSIGNMENT#page1.tif source=404143US2ASSIGNMENT#page2.tif		
RECEIPT INFORMATION		
EPAS ID: Receipt Date: Fee Amount:	eipt Date: 09/28/2012	

Assignment of Application

WHEREAS, I (WI	E) Kazuyuki HIGASHI of c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaur	a 1-
	chome, Minato-ku, Tokyo 105-8001, JAPAN and Yoshiaki SUGIZAKI of c/o Intellectual Pro-	operty
	Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN	1
		—-
-1		
		
	, respec	tively,
have invented cer	tain new and useful improvements in: <u>SEMICONDUCTOR DEVICE AND METHOD OF</u>	
	ING SAME, AND MANAGEMENT SYSTEM OF SEMICONDUCTOR DEVICE	
(Application No.	13/601,088 , filed August 31, 2012), and
WHEREAS,	KABUSHIKI KAISHA TOSHIBA	
(hereinafter referr 8001, JAPAN is	red to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and tat may be granted therefore in the United States and its territorial possessions and in any and	o anv

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.

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PATENT REEL: 029187 FRAME: 0709

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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: Sep, 18, 20/2	Mayuyukê Nijashi
	(Signature of Inventor) Kazuyuki HIGASHI
Date: <u>Sep. 18, 2012</u>	(Signature of Inventor) Yoshiaki SUGIZAKI
<i>\</i>	(Signature of Inventor) Yoshiaki SUGIZAKI
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

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PATENT REEL: 029187 FRAME: 0710

RECORDED: 10/24/2012