PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuyoshi YAMAZAKI	06/02/2008
Shintaro AOYAMA	06/02/2008
Koji AKIYAMA	06/02/2008

RECEIVING PARTY DATA

Name:	TOKYO ELECTRON LIMITED	
Street Address:	Akasaka Biz Tower, 3-1, Akasaka 5-chome, Minato-ku	
City:	Tokyo	
State/Country:	State/Country: JAPAN	
Postal Code: 107-6325		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12097888

CORRESPONDENCE DATA

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Email: sgetasetegne@oblon.com Correspondent Name: Oblon, Spivak, et al. 1940 Duke Street Address Line 1:

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	327975US
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NAME OF SUBMITTER: shewaye getasetegne

Total Attachments: 2

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PATENT

REEL: 021122 FRAME: 0125

Assignment of Application

S '	WHEREAS, I (WE) 1. Kazuyoshi YAMAZAKI of c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 Japan;
RS:	2. Shintaro AOYAMA of c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho,
-	Nirasaki-shi, Yamanashi 407-0192 Japan; and
-	3. Koji AKIYAMA of c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho,
-	Nirasaki-shi, Yamanashi 407-0192 Japan
-	
-	
 - - -	
	, respectively
-	
OF	have invented certain new and useful improvements in: <u>METHOD FOR MODIFYING HIGH-K DIELECTRIC THIN</u> FILM AND SEMICONDUCTOR DEVICE
	(Application No. 12/097,888 , filed June 18,2008), and
	WHEREAS, TOKYO ELECTRON LIMITED
E S OF	(harries Armed to as "ASSIGNIFF") having a place of business at: Akasaka Riz Tower 3-1. Akasaka 5-chome

OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: Akasaka Biz Tower, Minato-ku, Tokyo 107-6325 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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.

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:	June 2, 2008	Kazujoshi Jangoki
Date: _	June 2, 2008	(Signature of Intentor) Kazuryoshi YAMAZAKI Shitara Acyama
Date:	June 2, 2008	(Signature of Inventor) Shintaro AOYAMA (Signature of Inventor) Koji AKIYAMA
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

12/04

RECORDED: 06/19/2008

PATENT REEL: 021122 FRAME: 0127