

09-12-2006



S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595

Atty Docket No.:

278215US6YAPCT

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Yasunori HATAMURA TOKYO ELECTRON LIMITED Name: Kunihko HINATA Address: TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan Additional name(s) of conveying party(ies) attached? \(\subseteq\) Yes \(\boxed{M}\) No 3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Other: Corrected Form PTO-1595 to Correct Assignors #1 and #2 Document Date Previously Recorded on Reel/Frame 018016/0557 Execution Date: May 18, 2006; February 15, 2006 Additional name(s) and address(es) attached? 🔲 Yes 📕 No 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 10/549,283 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. SEP 0 7 2006 Fred I Ruse Steven P. Weihrouch Name of Person Signing Date Fred L. Braun Registration No. 56,123 Registration Number: 32,829 Total number of pages including this cover sheet: 6 00000009 10549283 09/08/2006 MBERHE 40.00 OP Do not detach this portion 01 FC:8021 Mail documents to be recorded with required cover sheet information to:

> Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> > PATENT REEL: 018280 FRAME: 0714

278215US6YAPCT

Atty Docket No.:

FORM PTO-1595 06-04 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office To the Director of the United States Patent and Trademark Office. Please/record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): 1) Yasunori HATAMURA Name: TOKYO ELECTRON LIMITED 2) Kunihko HINATA Address: TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan Additional name(s) of conveying party(ies) attached? ☐ Yes 🖾 No 3. Nature of Conveyance: ■ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: February 15, 2006; May 18, 2006 Additional name(s) and address(es) attached?

Yes

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> > PATENT REEL: 018280 FRAME: 0715

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) 1) Yasunori HATAMURA and
2) Kunihko HINATA of:
1) 800 W. Renner Road, #2626, Richardson, TX 75080
2) 412 Ninomiya, Misaka-cho, Higashiyatsushiro-gun, Yamanashi 406-0807 Japan
, respectively
have invented certain new and useful improvements in: METHOD AND APPARATUS FOR REDUCING
SUBSTRATE BACKSIDE DEPOSITION DURING PROCESSING
(Application No. 10/549,283 , filed September 16, 2005), and
WHEREAS, TOKYO ELECTRON LIMITED

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at: TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 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.

'Author

12/04

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: 5/18/06	一、油井安則
·	(Signature of Inventor) Yasunori HATAMURA
Date:	
	(Signature of Inventor) Kunihko HINATA
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
Date:	(Signature of Inventor)
n .	
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

12/04



Assignment of Application

RT NAMES RESIDENCE RESS OF BIVENTORS:	WHEREAS, I (WE) 1) Yasunori HATAMURA and	
	2) Kunihko HINATA of:	•
	1) Apt. 28, 3 Beverly Commons Drive, Beverly, Massachusetts 01915 United States	
	2) 412 Ninomiya, Misaka-cho, Higashiyatsushiro-gun, Yamanashi 406-0807 Japan	
	, res	pectively
RT TITLE OF INTION:	have invented certain new and useful improvements in: METHOD AND APPARATUS FOR REDUCING	
	SUBSTRATE BACKSIDE DEPOSITION DURING PROCESSING	
	(Application No. <u>10/549,283</u> , filed <u>16 September 2005</u>), and
ET NAME	WHEREAS, TOKYO ELECTRON LIMITED	

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE.

(hereinafter referred to as "ASSIGNEE") having a place of business at: <u>TBS Broadcast Center, 3-6, Akasaka 5-chome.</u> Minato-ku, Tokyo 107-8481 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.

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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:	
Date: 02/15/20	(Signature of Investor) Yasunori HATAMURA
	(Signature of Inventor) Kumihko HINATA
Date:	(Signature of Inventor)
Date:	(Signature of Investor)
Date:	
Date:	(Signature of Inventor)
	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314



PATENT REEL: 018280 FRAME: 0719

RECORDED: 09/07/2006