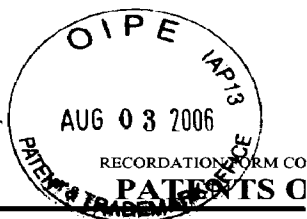


Atty Docket No.: 277634US6YA PCT

FORM PTO-1595
06-04



08-08-2006



ARTMENT OF COMMERCE
Patent and Trademark Office

103288127

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1. Name of conveying party(ies):

- 1.) Gary ESCHER
- 2.) Mark A. ALLEN
- 3.) Yasuhisa KUDO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other

Execution Date: 9/09/05, 9/09/05, 7/13/06

2. Name and address of receiving party(ies):

Name: TOKYO ELECTRON LIMITED

Address: TBS Broadcast Center, 3-6 Akasaka 5-chome,
Minato-ku, Tokyo 107-8481, Japan

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

A. Patent Application No.(s)

10/550,416

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

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22850

Tel. (703) 413-3000
Fax. (703) 413-2220

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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.

Gregory J. Maier

Name of Person Signing

Corwin Paul Umbach
Signature

August 3, 2006
Date

Corwin P. Umbach, Ph.D.
Registration No. 40,211

Registration Number: 25,599

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08/04/2006 HALI11 00000045 10550416
01 FC:0021 40.00 00

PATENT
REEL: 018150 FRAME: 0824

277634US6YAPCT

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Gary ESCHER of: 29 Gallant Drive, Hampstead, New Hampshire 03841, United States

2) Mark A. ALLEN of: 18 Winthrop Street, Essex, Massachusetts 01929, United States

3) Yasuhisa KUDO of: c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo
107-8481, Japan

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: A METHOD FOR ADJOINING ADJACENT COATINGS ON
A PROCESSING ELEMENT

(Application No. 10/550,416, filed September 23, 2005), and

WHEREAS, TOKYO ELECTRON LIMITED

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEES") having places of business at: TBS Broadcast Center, 3-6 Akasaka 5-chome,
Minato-ku, Tokyo 107-8481, Japan, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the
assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES,
their 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.

12/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: 9/9/05


(Signature of Inventor) Gary ESCHER

Date: _____

(Signature of Inventor) Mark A. ALLEN

Date: _____

(Signature of Inventor) Yasuhisa KUDO

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

277634US6YAPCT

Assignment of Application

WHEREAS, I (WE) 1) Gary ESCHER of: 29 Gallant Drive, Hampstead, New Hampshire 03841, United States

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3) Yasuhisa KUDO of: c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo
107-8481, Japan

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Date: _____

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Gary ESCHER

Date: 9/9/05

(Signature of Inventor)

Mark A. ALLEN

Date: _____

(Signature of Inventor)

Yasuhisa KUDO

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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Date: _____

(Signature of Inventor) Gary ESCHER

Date: _____

(Signature of Inventor) Mark A. ALLEN

Date: Jul 13 / 2006

(Signature of Inventor) Yasuhisa KUDO

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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1940 DUKE STREET
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12/04