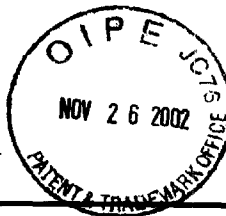


12-04-2002



Atty Docket No.: 22761

102300541

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Vaidyanathan BALASUBRAMANIAM, Masaaki HAGIWARA,
Eiichi NISHIMURA and Kouichiro INAZAWA

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

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: October 9, 23, 18, 15, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/259,768

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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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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PATENT
REEL: 013550 FRAME: 0971

Assignment of Application

WHEREAS, I (WE) Vaidyanathan BALASUBRAMANIAM, 101 Rantoul Street, Apt. 108, Beverly, MA 01915; Masaaki HAGIWARA, 7 Beverly Commons Drive, Apt. 37, Beverly, MA 01915; Eiichi NISHIMURA, 192 Kennedy Drive, Apt. 710, Malden, MA 01248; Kouichiro INAZAWA, Nakatamachi Nakajo 1888 B302, Nirasakishi Yamanashi 407-0626 JAPAN

_____, respectively, have
invented certain new and useful improvements in:

METHOD FOR REMOVING PHOTORESIST AND ETCH RESIDUES

for which an application for Letters Patent was executed on _____
(Application No. 10/259,768, filed September 30, 2002), and

WHEREAS, Tokyo Electron Limited
(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 authorized 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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Date: 10/09/2002

Vaidyanathan
(Signature of Inventor) **Vaidyanathan BALASUBRAMANIAM**

Date: _____

(Signature of Inventor) **Masaaki HAGIWARA**

Date: _____

(Signature of Inventor) **Eiichi NISHIMURA**

Date: _____

(Signature of Inventor) **Kouichiro INAZAWA**

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
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

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Date: _____

(Signature of Inventor) Valdyanathan BALASUBRAMANIAM

Date: 10/23/02

(Signature of Inventor) M. Hagihara
Masaaki HAGIWARA

Date: _____

(Signature of Inventor) _____
Eiichi NISHIMURA

Date: _____

(Signature of Inventor) _____
Kouichiro INAZAWA

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

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Kennedy Drive, Apt. 710, Malden, MA 01248; Kouichiro INAZAWA,
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Date: _____

(Signature of Inventor) Valdyanathan BALASUBRAMANIAM

Date: _____

(Signature of Inventor) Masaaki HAGIWARA

Date: OCT. 18. 2002

(Signature of Inventor) 西村 栄一
Eiichi NISHIMURA

Date: _____

(Signature of Inventor) Kouichiro INAZAWA

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

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(Signature of Inventor) Valdyanathan BALASUBRAMANIAM

Date: _____
(Signature of Inventor) Masaaki HAGIWARA

Date: _____
(Signature of Inventor) Eiichi NISHIMURA

Date: Oct, 15, 2002
(Signature of Inventor) Kouichiro Inazawa
Kouichiro INAZAWA

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

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