

08-13-1998



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BOX ASSIGNMENTS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroyuki ITO et al.

Serial No.: 09/081,596

Group: 2878

Filed: May 20, 1998

Examiner: Unassigned

For: ELECTRON FLOOD APPARATUS FOR NEUTRALISING CHARGE
BUILD-UP ON A SUBSTRATE DURING ION IMPLANTATION

RECORDING OF ASSIGNMENT

BOX ASSIGNMENTS

Assistant Commissioner for Patents
Washington, DC 20231

Date: August 10, 1998
Docket No.: 1106/US/AIT/LE
(1028-0119P)

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

Hiroyuki ITO
Xue-Yu QIAN
Robert J. MITCHELL
Stephen MOFFATT

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

APPLIED MATERIALS, INC.
3050 Bowers Avenue
Santa Clara, CA 95054

3. Nature of Conveyance:

X Assignment
— Security Agreement
— Merger
— Change of Name
— Other _____

08/12/1998 DNGUYEN 00000246 09081596

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PATENT

REEL: 9373 FRAME: 0414

Serial No. 09/081,596

Execution Date (e.g., Assignment):

July 15, 1998, July 20, 1998, July 6, 1998, June 22, 1998

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

If this document is being filed together with a new patent application, the execution date(s) of the application (Declaration) is (are) _____.

A. Patent Application Number(s): 09/081,596

B. Patent Number(s):

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

Birch, Stewart, Kolasch & Birch, LLP
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

6. Total number of applications and patents involved: 1

7. X The recording fee in the amount of \$40.00 is enclosed.

8. — Please charge Deposit Account No. 02-2448 in the amount of \$_____.
. A duplicate copy of this request is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16-1.21(h); particularly, extension of time fees.

Serial No. 09/081,596

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.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: August 10, 1998

By: _____


John A. Castellano
Registration No. 35,094

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TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: 5

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United States plus All Foreign Patent Rights

ATTORNEY DOCKET NO.

1106 US/ATT/LE
(1028-0119P)

ASSIGNMENT

Application No. 09/081596Filed 20 May 1998

Insert Name(s) of Inventor(s) ⇒ WHEREAS, Hiroyuki ITO
Xue-Yu QIAN
Robert J. MITCHELL
Stephen MOFFATT

Insert Title of Invention ⇒ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____
ELECTRON FLOOD APPARATUS FOR NEUTRALIZING CHARGE BUILD-UP
ON A SUBSTRATE DURING ION IMPLANTATION

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ⇒ on _____; and

Insert Name of Assignee ⇒ WHEREAS, APPLIED MATERIALS, INC.

Insert Address of Assignee ⇒ of 3050 Bowers Avenue
Santa Clara, CA 95054

CHECK BOX IF APPROPRIATE ⇒ ☒ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

PATENT

REEL: 9373 FRAME: 0417 P.07

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuations, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) in the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not secured, and will not secure, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolman & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>15 July 98</u>	Name of Inventor <u>HIROYUKI ITO</u> <u>Hiroyuki Ito</u> (signature)
Date <u>20 July 98</u>	Name of Inventor <u>XUE-YU QIAN</u> <u>Xueyu Qian</u> (signature)
Date <u>6 July 98</u>	Name of Inventor <u>Robert J. MITCHELL</u> <u>R Mitchell</u> (signature)
Date <u>22 Jan 98</u>	Name of Inventor <u>Stephen MOPPAT</u> <u>[Signature]</u> (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)

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PATENT

RECORDED: 08/10/1998
AUG-07-1998 05:18

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