

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAN MURRELL	11/13/2006
PETER MICHAEL BANKS	12/04/2006
MATTHEW PETER DOBSON	11/13/2006
PETER KINDERSLEY	11/12/2006
TAKAO SAKASE	11/20/2006
MARVIN FARLEY	11/20/2006
SHU SATOH	11/24/2006
GEOFFREY RYDING	11/20/2006

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.
Street Address:	P.O. Box 450-A
Internal Address:	Legal Affairs Department
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11527594

CORRESPONDENCE DATA

Fax Number: (408)986-3090

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-235-6536

Email: jo_ann_cottrell@amat.com

Correspondent Name: Applied Materials, Inc.

Address Line 1: P.O. Box 450-A

Address Line 2: Legal Affairs Dept.

PATENT

REEL: 018852 FRAME: 0788

500218301

CH \$40.00 11527594

Address Line 4: Santa Clara, CALIFORNIA 95052

ATTORNEY DOCKET NUMBER:

5441-P2 IMPLANT/ORION

NAME OF SUBMITTER:

JO ANN COTTRELL

Total Attachments: 16

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ASSIGNMENT

WHEREAS, I, **ADRIAN MURRELL**

of **3 Lambs Farm Road, Horsham, West Sussex, RH12 4BS, United Kingdom.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

- 2 -

applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

AMM
Adrian Murrell

Date: 13 Nov 06

Witnessed by the undersigned:

Witnessed by the undersigned:

Signature: David Hacker

Signature: Peter Edwards

Name: DAVID HACKER

Name: PETER EDWARDS

Address: 37 ALEXANDRA ROAD
HOUNSLOW
Middlesex TW3 4HW,
U.K.

Address: 6 FOXWOOD
KINGSFORD
W. SUSSEX RH12 3ST
U.K.

ASSIGNMENT

WHEREAS, I, PETER MICHAEL BANKS

of 7 Pollards Drive, Horsham, West Sussex, RH13 5HQ, United Kingdom.

have invented certain new and useful improvements as described in an application entitled A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 11/527,594 filed 27 September, 2006; and

WHEREAS, APPLIED MATERIALS, INC.

a corporation organized and existing under the laws of Delaware, United States of America and having offices at 3050 Bowers Avenue, Santa Clara, California 95054, United States of America

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

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P. M. Banks
Peter Michael Banks

Date: 04 DEC. '06

Witnessed by the undersigned:

Witnessed by the undersigned:

Signature: [Signature]

Signature: [Signature]

Name: Matthew Sobney-Castle

Name: WILLIAM FRICK

Address: 1745 JOHN TELFER DR
MORGAN HILL, CA, 95037

Address: 711 ALISSA CT
HOLLISTER, CA, 95023

ASSIGNMENT

WHEREAS, I, **MATTHEW PETER DOBSON**

of **Flat 1, 39 Tisbury Road, Hove, East Sussex, BN3 3BL, United Kingdom.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

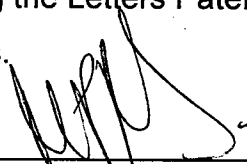
- 2 -

applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

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Matthew Peter Dobson

Date: 13/11/06

Witnessed by the undersigned:

Signature: B. McComb

Name: Brendan McComb

Address: 875 University Ave #9
Palo Alto CA 94301
USA

Witnessed by the undersigned:

Signature: David E. Aberle

Name: David E. Aberle

Address: 200 Casper Street
Milpitas, CA
95035-4818

ASSIGNMENT

WHEREAS, I, **PETER KINDERSLEY**

of **Tower Cottage, Tower Hill, Horsham, West Sussex, RH13 7JT, United Kingdom.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

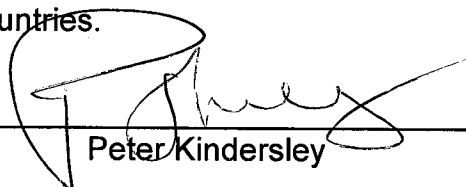
- 2 -

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Peter Kindersley

Date: 12th November 2006

Witnessed by the undersigned:

Signature: L. B. Mace
LYNNE B MACE
Name: Tower Cottage Bungalow
Address: Tower Hill
HORSHAM
West Sussex RH13 0JT

Witnessed by the undersigned:

Signature: J. R. Mace
Name: J. R. Mace
Address: Tower Cottage Bungalow
Tower Hill
HORSHAM

ASSIGNMENT

WHEREAS, I, **TAKAO SAKASE**

of **27 Green Needle Lane, Rowley, MA 01969, United States of America.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

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Takao Sakase

Date: Nov. 20, 2006

Witnessed by the undersigned:

Signature: Katherine E. Willwerth

Name: KATHERINE E. WILLWERTH

Address: 160 HESPERUS AVE
GLoucester, MA 01930
USA

Witnessed by the undersigned:

Signature: B. Kelley

Name: Barbara Kelley

Address: Box 4594
Portsmouth, NH 03802

ASSIGNMENT

WHEREAS, I, **MARVIN FARLEY**

of **16 Mill Road, Ipswich, MA 01938, United States of America.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

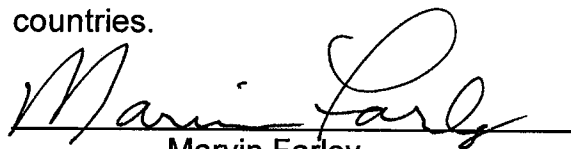
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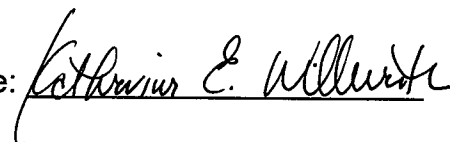
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Marvin Farley

Date: 11/20/06

Witnessed by the undersigned:

Signature: 

Name: KATHERINE E. WILLWERTH

Address: 160 HESPERUS AVE
GLoucester, MA 01930
USA

Witnessed by the undersigned:

Signature: 

Name: Box 4594

Address: PORTSMOUTH, NH 03802

ASSIGNMENT

WHEREAS, I, **SHU SATOH**

of **11 Larkin Road, Byfield, MA 01922, United States of America.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

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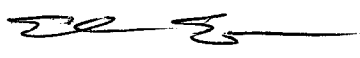
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Shu Satoh

Date: 11/28/06

Witnessed by the undersigned:

Witnessed by the undersigned:

Signature: Katherine E. Willwirth

Signature: B. Kelley

Name: KATHERINE E. WILLWIRTH

Name: Barbara Kelley

Address: 160 HESPERUS AVE
MALDEN, MA 02148
USA

Address: Box 4594
PORTSMOUTH, NH 03802

ASSIGNMENT

WHEREAS, I, **GEOFFREY RYDING**

of **30 Masconomo Street, Manchester, MA 01944, United States of America.**

have invented certain new and useful improvements as described in an application entitled **A METHOD OF IMPLANTING A SUBSTRATE AND AN ION IMPLANTER FOR PERFORMING THE METHOD**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **11/527,594** filed **27 September, 2006**; and

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G. Ryding
Geoffrey Ryding

Date: 11-20-06

Witnessed by the undersigned:

Witnessed by the undersigned:

Signature: Katherine E. Willwerth

Signature: B. Kelley

Name: KATHERINE E. WILLWERTH

Name: Barbara Kelley

Address: 160 HESPERUS AVE
GLoucester, MA 01930

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PORTSMOUTH, NH 03802