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006865 USA/IMPLANT/

Docket No.: CONDUCTIVE/JB1

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

05-10-2005

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



DT12 Rec'd PCT/PTO 20 DEC 2004

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Tab settings

To the Director of the United States d the attached original documents or copy thereof.

1. Name of conveying party(ies):
1) Richard NAYLOR-SMITH;
2) Simon Frederick DILLON; and
3) Richard COOKE

2. Name and address of receiving party(ies):
Name: APPLIED MATERIALS, INC.

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Internal Address:

Street Address: 3050 Bowers Avenue

City: Santa Clara State: CA ZIP: 95054

Execution Date: 1) 11/22/04; 2) 11/17/04; & 3) 11/3/04

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: 11/17/04

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Richard H. Tushin
Internal Address: DYKEMA GOSSET PLLC

12/29/2004 SNAJARRO 00000070 042223 10518516
04 FC:8021 40.00 DA
Street Address: 1300 I Street, N.W., Suite 300 West

City: Washington State: DC ZIP: 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00
☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:
04-2223

(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.
Richard H. Tushin, Reg.#27,297
Name of Person Signing

Signature

DECEMBER 20, 2004
Date

Total number of pages including cover sheet, attachments, and document: 7

ASSIGNMENT

WHEREAS, I, **RICHARD NAYLOR-SMITH**

of **24 Foxley Lane, Worthing, West Sussex, BN13 3AB, United Kingdom**

have invented certain new and useful improvements as described in an application entitled **MULTI DIRECTIONAL MECHANICAL SCANNING IN AN ION IMPLANTER**

for Letters Patent of the United States, the application having been filed as **International Patent Application No. PCT/GB2003/002691** and filed on **20th June, 2003**

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 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.

Attorney Docket No: 006863 USA/IMPLANT/CONDUCTIVE/JB1

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.


(Richard Naylor-Smith)

Date: + 22nd November 2004.

Witness:
Signature RJ Marsh

Name: ROY MARSH

Address: 55 FRESHFIELD BANK
FOREST ROW
E. SUSSEX, RH18 5HW

Witness:
Signature PJ Wood

Name: PETER WOOD

Address: OWLERS.
HOGWOOD RD
IFOLD. W. SX
RH14 0UG.

ASSIGNMENT

WHEREAS, I, **SIMON FREDERICK DILLON**

of **Otmoor, 5 Trodds Lane, Merrow, Guildford, Surrey, GU1 2XT,**
United Kingdom

have invented certain new and useful improvements as described in an application
entitled **MULTI DIRECTIONAL MECHANICAL SCANNING IN AN ION**
IMPLANTER

for Letters Patent of the United States, the application having been filed as
International Patent Application No. PCT/GB2003/002691 and filed on
20th June, 2003

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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
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.

Attorney Docket No: 006863 USA/IMPLANT/CONDUCTIVE/JB1

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

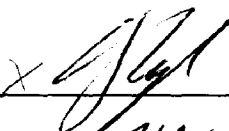
I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

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.

X 
(Simon Frederick Dillon)

Date: X 17th November 2004.

Witness:
Signature

X 

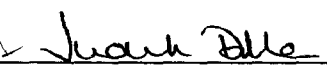
Name: ALAN STYLES

Address: 69 LOOSEN DRIVE

MAIDENHEAD

BERTH 526 3UT

Witness:
Signature

X 

Name: JUDITH DILLON

Address: 5 TRODD LANE

HERRAW GUILDFORD

SURREY GU12 4XT

ASSIGNMENT

WHEREAS, I, **RICHARD COOKE**

of **Tanglewood, Gorse Lane, High Salvington, Worthing, BN13 3BX, United Kingdom**

have invented certain new and useful improvements as described in an application entitled **MULTI DIRECTIONAL MECHANICAL SCANNING IN AN ION IMPLANTER**

for Letters Patent of the United States, the application having been filed as **International Patent Application No. PCT/GB2003/002691** and filed on **20th June, 2003**

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("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 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.

Attorney Docket No: 006863 USA/IMPLANT/CONDUCTIVE/JB1

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.

X 
(Richard Cooke)

Date: x 3/11/04

Witness: 
Signature

Name: C.C. WARREN.

Address: NEW COTTAGE

NEW HALL LANE,

SMALL DOVE,

HENFIELD, BNG 9YH.

W. SUSSEX,

211279; REBC: YG

ENGLAND.

Witness: 
Signature

Name: PETER EDWARDS

Address: 6 FOXWOOD

KINGSFORD

WEST SUSSEX

RH12 3ST

UNITED KINGDOM