

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seok Yul JUN	02/03/2009
Bum Jin PARK	02/03/2009
Sun Il KIM	02/03/2009
Hyoung Seok OH	02/03/2009
Sung Chul CHO	02/06/2009
Young Sam NA	02/03/2009
Yeon Sang CHO	02/03/2009
Ha Sung SONG	02/03/2009
Seong Ju KIM	02/03/2009
Hee Sang CHAE	02/03/2009
Talex SAJOTO	02/03/2009

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.
Street Address:	3050 Bowers Avenue
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12270187

CORRESPONDENCE DATA

Fax Number: (408)986-3090

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

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Email: pauline_fischer@amat.com

Correspondent Name: Pauline S. Fischer

PATENT

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REEL: 022245 FRAME: 0543

CH \$40.00 12270187

Address Line 1:	Applied Materials, Inc.
Address Line 2:	P.O. Box 450 A
Address Line 4:	Santa Clara, CALIFORNIA 95052

ATTORNEY DOCKET NUMBER:	13821/AGS/SPARES
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NAME OF SUBMITTER:	Pauline Fischer
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Total Attachments: 3 source=13821US_assignmt#page1.tif source=13821US_assignmt#page2.tif source=13821US_assignmt#page3.tif

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

- | | |
|--|---|
| 1) SEOK YUL JUN
103-Dong 901-Ho Osan Xi APT
ChungHo-Dong OSan-Si,
KyungKi-Do, Korea 447-756 | 7) YEON SANG CHO
1003-901, SansungGyunyoung APT.
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| 2) BUM JIN PARK
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Opera House #402,
Gomae-dong 377-35, Kiheung-gu
Yongin Gyeonggi-do, Korea 446-901 |
| 3) SUN IL KIM
1203-1503 Josumaeul Dongbono villet,
Dongbaek-Dong,
Giheung-gu, Korea 446-723 | 9) SEONG JU KIM
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Galsan Dong, Dong Ahn-Gu
Kyung Ki Do, Korea |
| 4) HYOUNG SEOK OH
Family Town APT 110-1404,
Munjeong2-Dong, Songpa-gu
Seoul, Korea 138-767 | 10) HEE SANG CHAE
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344-1 Yatop-1 Dong, Bundang-Ku
SeongNam, Gyeonggi, Korea 463-954 |
| 5) SUNG CHUL CHO
154-14 Bundang-Dong,
Bundang-Ku, Sungham,
Gyeonggi, Korea 463-832 | 11) TALEX SAJOTO
P. O. Box 110284
Campbell, CA 95011 |
| 6) YOUNG SAM NA
102-1103 LG Apartment
Chung-Ho Dong, O-San City
Kyoung-Ki Do, South Korea 447-729 | |

(hereinafter referred to as Assignors), have invented a certain invention entitled:

ELECTROSTATIC CHUCK HAVING REDUCED ARCING

for which we have filed an application for a Patent of the United States on November 13, 2008,
Serial No. 12/270,187; and

98785_1

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

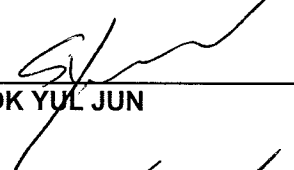
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) Feb 3, 2009


SEOK YUL JUN

2) 2/3, 2009


BUM JIN PARK

3) 02/03, 2009


SUN IL KIM

4) Feb. 3, 2009


HYOUNG SEOK OH

5) Feb. 6, 2009


SUNG CHUL CHO

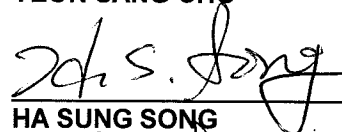
6) Feb 3, 2009


YOUNG SAM NA

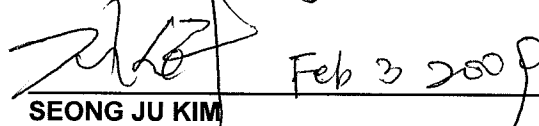
7) Feb. 3, 2009


YEON SANG CHO

8) Feb. 3, 2009


HA SUNG SONG

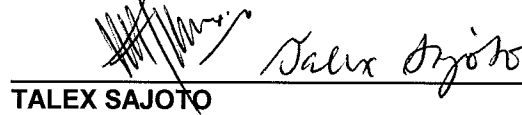
9) Feb 3, 2009


SEONG JU KIM

10) Feb 3, 2009


HEE SANG CHAE

11) Feb 3,, 2009


TALEX SAJOTO