

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Igor Petrov</td> <td>03/11/2010</td> </tr> <tr> <td>Zvika Rosenberg</td> <td>03/11/2010</td> </tr> <tr> <td>Igor Krivts</td> <td>03/11/2010</td> </tr> <tr> <td>Pavel Adamec</td> <td>03/25/2010</td> </tr> <tr> <td>Ralf Degenhardt</td> <td>03/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Igor Petrov	03/11/2010	Zvika Rosenberg	03/11/2010	Igor Krivts	03/11/2010	Pavel Adamec	03/25/2010	Ralf Degenhardt	03/29/2010
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CORRESPONDENCE DATA													
<p>Fax Number: (650)798-0310</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-798-0320</p> <p>Email: patents@sonnenschein.com</p> <p>Correspondent Name: Sonnenschein Nath & Rosenthal LLP</p> <p>Address Line 1: Post Office Box 061080</p> <p>Address Line 2: Wacker Drive Station, Willis Tower</p> <p>Address Line 4: Chicago, ILLINOIS 60606</p>													
ATTORNEY DOCKET NUMBER:	40006317-0038-002												
NAME OF SUBMITTER:	Tarek N. Fahmi												

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PATENT
REEL: 024887 FRAME: 0774

Total Attachments: 4

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Igor Petrov Keren Hayasod Street 18/16 Holon 58483 Israel	2)	Zvika Rosenberg Hashikma 1, Mevaselet Jerusalem Israel
3)	Igor Kryvitz Afgin Street 216 Rehovot 76700 Israel	4)	Pavel Adamec Jagdfeldring 25 D-85540 Haar Germany
5)	Ralf Degenhardt Gruber Strasse 9 D-85652 Landsham Germany		

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

CHARGED PARTICLE BEAM COLUMN AND METHOD FOR DIRECTING A CHARGED PARTICLE BEAM

for which application for Letters Patent in the United States was filed on May 22, 2002,

under Serial No. 10/154,630, executed on date herewith; and

WHEREAS, Applied Materials, Israel Ltd., having a place of business at 9 Oppenheimer, Rehovot, Israel 76705 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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.

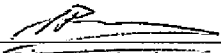
1) 11 March, 2010


Igor Petrov

2) 11 March, 2010


Zvika Rosenberg

3) 11 March, 2010


Igor Krivts (Kragvite)

4) _____, 2010

Pavel Adamec

5) _____, 2010

Ralf Degenhardt

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Igor Petrov

2) _____, 2010

Zvika Rosenberg

3) _____, 2010

Igor Kryvitz

4) 25.3, 2010

Adamec
Pavel Adamec

5) March 29, 2010

Ralf Degenhardt
Ralf Degenhardt