



11-18-1998

D\$



RECO

100901553

89-6-11 PMA

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies): Steven R. Rogers

3. Nature of Conveyance: Assignment

Execution Date: 05/24/98.

2. Name & address of receiving party(ies)  
 Name: Applied Materials, Inc.  
 Street Address: 3050 Bowers Avenue  
 City: Santa Clara State: CA ZIP: 95054

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

Title of Application: METHOD FOR ASTIGMATISM CORRECTION IN CHARGED PARTICLE BEAM SYSTEMS

If this document is being filed together with a new application, the execution date of the application is: n/a.

A. Patent Application No(s).  
 Docket No. HQ9-98-006  
 Serial No. 09/086,692

B. Patent No(s)

Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Joseph Bach, Sr. Patent Counsel  
 Street Address:  
 Applied Materials, Inc.  
 Intellectual Property Law Dept.  
 P.O. Box 450-A  
 Santa Clara, CA 95052

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit A/C no.: 09-0458 (FI-465)

DO NOT USE THIS SPACE

9. Statement of 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.

H. Daniel Schnurmann, Reg. #35,791 [Signature] 11/4/98  
 Name of Person Signing Signature Date  
 Telephone No. (914) 894-2481

Total number of pages including cover sheet, attachments, and document: 3

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASST. COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. THE APPLICANT AND/OR ATTORNEY REQUEST THE DATE OF DEPOSIT AS THE FILING DATE.

Date of Deposit: November 4, 1998

Name of Person Making Deposit: RobinAnn Zeno

Signature: [Signature] 11/4/98

11/17/1998 DMGUYEN 00000260 090458 09086692  
 01 FC:581 40.00 CH

PATENT  
 REEL: 9582 FRAME: 0464

**ASSIGNMENT FOR APPLICATION FOR PATENT****WHEREAS:****Names and Addresses  
of Inventors:**

1)	Steven R. Rogers residing at 49 Moshav Beit Gamliel, D.N. Emek, Sorek, ISRAEL	2)	
3)		4)	
5)		6)	

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

Method for Astigmatism Correction in Charged Particle Beam Systems

for which application for Letters Patent in the United States was filed on @ , (n/a)  
under Serial No. @ , executed on even date herewith; and

X is attached

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) MAY 24, 1996  
Date

Steven R. Rogers  
@ Signed at Nes-Ziona, ISRAEL by  
Steven R. Rogers

~~2) \_\_\_\_\_, 1996~~

~~@ \_\_\_\_\_~~

~~3) \_\_\_\_\_, 1996~~

~~@ \_\_\_\_\_~~

~~4) \_\_\_\_\_, 1996~~

~~@ \_\_\_\_\_~~

~~5) \_\_\_\_\_, 1996~~

~~@ \_\_\_\_\_~~

~~6) \_\_\_\_\_, 1996~~

~~@ \_\_\_\_\_~~