

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
APPLIED MATERIALS, INC.	11/09/2007
RECEIVING PARTY DATA	
Name:	JEOL, LTD.
Street Address:	1-2, Musashino 3-chome Akishima
City:	Tokyo
State/Country:	JAPAN
Postal Code:	196-8558
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7800075
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ATTORNEY DOCKET NUMBER:	JEOL.9660.D1
NAME OF SUBMITTER:	Ashok K. Janah
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PATENT
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ASSIGNMENT

WHEREAS, APPLIED MATERIALS, INC., (hereinafter referred to as ASSIGNOR), a corporation of the State of Delaware, having its principal place of business at 3050 Bowers Avenue, Santa Clara, California 95054, United States of America, is the owner of all right, title and interest to the United States patent application identified below:

Title: Electron Beam Column for Writing Shaped Electron Beams

Serial No.: 11/243,363

Filed: October 3, 2005

Inventors: Benjamin Buller, William J. DeVore, Juergen Frosien, Xinrong Jiang, Richard L. Lozes, Henry Thomas Pearce-Percy, Dieter Winkler, Steven T. Coyle and Helmut Banzhof

WHEREAS, JEOL, LTD., (hereinafter referred to as ASSIGNEE), a corporation of Japan, having its principal place of business at 1-2, Musashino 3-chome Akishima, Tokyo 196-8558, Japan, is desirous of obtaining the entire right, title and interest in, to and under the patent application described above.

FURTHERMORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, hereby sells, assigns, transfers and sets over, unto ASSIGNEE, its successor, legal representatives and assigns, the entire right, title and interest in, to and under the invention identified above, and any United States Patent applications and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention in any country or countries other than the United States together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection,

including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries other than the United States and all extensions, renewals and reissues thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR hereby covenants and agrees that ASSIGNOR has full right to convey the entire interest assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR hereby further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successor, legal representatives and assigns, any facts known to ASSIGNOR regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the inventions in all countries all at ASSIGNEE'S expense.

IN WITNESS WHEREOF, we hereunto set out hand and seal this
____ 9th ____ day of ____ November ____, 2007.

APPLIED MATERIALS, INC.

By:



Name:

Christopher Talbot

Title:

Senior Director

Strategic Licensing Group