

Attorney Docket No. 8115 PPC/CMP

Form PTO-1595

(Rev. 10-02)
OMB No. 0651-0027 (exp. 5/31/2002)**Recordation Form Cover Sheet
PATENTS ONLY**U.S. Department of Commerce
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Manoocher Birang
Jeffrey Drue David
Boguslaw A. Swedek

Execution Date

October 28, 2004
November 8, 2004
October 29, 2004

2. Name and address of receiving party(ies)

Name: APPLIED MATERIALS, INC.Street Address: 3050 Bowers AvenueCity: Santa ClaraState: CAZIP: 95054Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No.Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date:

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

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

A. Patent Application No(s): 10/921,485; Filed 8/18/2004

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert W. Mulcahy
APPLIED MATERIALS, INC.
P.O. Box 1450
Santa Clara, CA 95052
(650) 326-2400

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

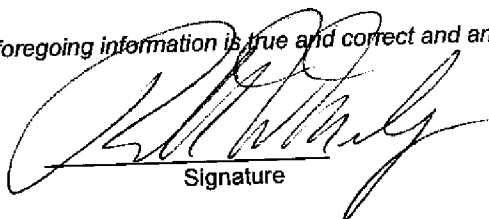
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9. Statement and signature.

*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.*Robert W. Mulcahy
Name of Person Signing
Atty. Reg. No. 25,436
Signature11/11/04
Date

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PATENT
REEL: 015375 FRAME: 0598

Case # 8115/CMP/05542-533001

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Manoocher Birang
18836 Favre Ridge Road
Los Gatos, CA 95033

Jeffrey Drue David
2208 Marques Avenue
San Jose, CA 95125

Boguslaw A. Swedek
22783 Voss Ave. #B
Cupertino, CA 95014

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

SUBSTRATE EDGE DETECTION

for which application for Letters Patent in the United States was filed on 08/18/2004, under Serial

No.10/921,485, executed on even date herewith; and

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 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.

Date:

10/28/04

MANOOCHER BIRANG

Date:

11/8/04

JEFFREY DRUE DAVID

Date:

10/29/04

BOGUSLAW A. SWEDEK

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