



07-07-2008

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OMD NO. 0651-0027 (exp. 6/30/2005)



103512194

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**M'hamed Farid Bakli and  
Parris C.M. Hawkins**  
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 No  Yes

2. Name and address of receiving party(ies):  
Name: Applied Materials, Inc.  
Internal Address: \_\_\_\_\_

3. Nature of Conveyance  
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Execution Date(s): **June 3, 2008 and June 3, 2008**

Street Address: 3050 Bowers Avenue  
City: Santa Clara State/Province: CA Zip: 95054  
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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)  
**12/103,647**

B. Patent No.(s)  
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5. Name and address of party to whom correspondence concerning document should be mailed:  
**Marina Portnova**  
Name: Blakely, Sokoloff, Taylor & Zafman LLP  
Internal Address: \_\_\_\_\_  
Street Address: 12400 Wilshire Boulevard, 7th Floor  
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6. Total number of applications and patents involved: 1  
7. Total Fee (37 CFR 3.41).....\$ 40.00  
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*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.*  
  
Marina Portnova, Reg. No. 45,750 *Marina Portnova* June 27, 2008  
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07/03/2008 NJAMA1 00000025 12103647  
01 FC:8021 48.00 OP

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses of Inventors:

1)	M'hamed Farid Bakli 6 Impasse Saint Jean 38240 Meylan France	2)	Parris C.M. Hawkins 1337 Morton Avenue Los Altos, CA 94042 U.S.A.
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**CONFIGURATION BASED ENGINEERING DATA COLLECTION (EDC) FOR MANUFACTURING LINES**

for which application for Letters Patent in the United States was filed on April 15, 2008,

under Serial No. 12/103,647, 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.