# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
BYUNG-SUNG KWAK	02/10/2011
STEFAN BANGERT	01/11/2011
RALF HOFMANN	02/11/2011
MICHAEL KOENIG	01/12/2011

### RECEIVING PARTY DATA

Name:	APPLIED MATERIALS, INC.
Street Address:	3050 BOWERS AVENUE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12905460

# **CORRESPONDENCE DATA**

(408)986-3090 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-720-8300

Email: jo\_ann\_cottrell@amat.com

APPLIED MATERIALS/BSTZ BLAKELY SOKOLOFF Correspondent Name:

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	14414/ATG/ATG
NAME OF SUBMITTER:	JO ANN COTTRELL

**Total Attachments: 8** 

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**PATENT** 

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#### WHEREAS:

Names and Addresses of Inventors:

1)	Byung-Sung Leo KWAK 9723 NW Henry Ct. Portland, OR 97229	2)	Stefan BANGERT Seidenroetherstrasse 6 36396 Steinau Germany
3)	Ralf HOFMANN 3360 Fairway Drive Soquel, CA 95073	4)	Michael KOENIG Saarbruecker Str. 5 Frankfurt, 60529 Germany

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

# SHADOW MASK ALIGNMENT AND MANAGEMENT SYSTEM

for which application for Letters Patent in the United States was filed on October 15, 2010,

under Serial No. 12/905,460, 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

- 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	d Assignors have executed and delivered this instrument to said
Assignee on the dates indicated below.	

1)	Feb. 10, 2010	B) Slul
2)	, 2010	Byung-Sung Leo KWAK
·		Stefan BANGERT
3)	, 2010	Raif HOFMANN
4)	, 2010	Michael KOENIG

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3)	, 2010	Ralf HOFMANN
4)	, 2010	Michael KOENIG

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2)	, 2010		
		Stefan BANGERT	
3)	Feb 11, 2010 Ry	R. Hof	
		Ralf HOFMANN	
4)	, 2010	·	
,	7	Michael KOENIG	

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