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U.S. DEPARTMENT OF COMMERCE
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4-12-07

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
Wen JIN (04/10/07); Junwei BAO (04/10/07); Shifang LI (04/10/07)

Execution Date(s): in parentheses after inventor name
Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

2. Name and address of receiving party(ies)
Name: Tokyo Electron Limited

Internal Address: _____
Street Address: _____

TBS Broadcast Center
3-6 Akasaka 5-chome
Minato-ku
City: Tokyo
State: _____
Country: Japan Zip: 107
Additional name(s) & address(es) attached: Yes No

4. Application or patent number(s):
A. Patent Application No.(s)
This application
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)
11/786869
 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Peter J. Yim
MORRISON & FOERSTER LLP
Internal Address: Atty. Dkt.: 509982010700
Street Address: 425 Market Street
City: San Francisco
State: CA Zip: 94105
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 03-1952
Authorized User Name Peter J. Yim

9. Signature:
Peter J. Yim Signature April 12, 2007 Date
Peter J. Yim, Reg. No. 44,417 Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 2

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Docket No. 509982010700

sf-2297751

PATENT
REEL: 019243 FRAME: 0231

U.S. PTO
11/786869
04/12/2007

ASSIGNMENT - JOINT

THIS ASSIGNMENT, by Wen JIN, Junwei BAO, and Shifang LI (hereinafter referred to as the assignors), residing at 718 Old San Francisco Road #331, Sunnyvale, CA 94086; 388 Ventura Avenue, Palo Alto, CA 94306; and 5043 Rigatti Circle, Pleasanton, CA 94588; respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **OPTICAL METROLOGY USING SUPPORT VECTOR MACHINE WITH PROFILE PARAMETER INPUTS**, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date and filed herewith; and



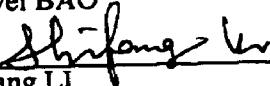
WHEREAS, Tokyo Electron, Ltd., a corporation duly organized under and pursuant to the laws of Japan and having its principal place of business at TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo, Japan, 107 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

<u>4/10/07</u> Date	<u></u> Wen JIN
<u>4/10/07</u> Date	<u></u> Junwei BAO
<u>4/10/07</u> Date	<u></u> Shifang LI