

08-02-2006



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113009 U.S. PTO
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7-25-06

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

<p>1. Name of conveying party(ies)/Execution Date(s): Hemalatha ERVA Hong QIU Junwei BAO Vi VUONG Execution Date(s): <u>July 25, 2006</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Tokyo Electron Limited</u> Internal Address: _____ Street Address: _____ TBS Broadcast Center 3-6 Akasaka 5-chome City: <u>Minato-ku</u> State: <u>Tokyo</u> Country: <u>Japan</u> Zip: <u>107</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of Conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Government Interest Assignment	
<input type="checkbox"/> Executive Order 9424, Confirmatory License	
<input type="checkbox"/> Other _____	

4. Application or patent number(s): This document is being filed together with a new application.
B. Patent No.(s) _____
Additional numbers attached? Yes No

<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Peter J. Yim</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 509982008300</u> Street Address: <u>425 Market Street</u> City: <u>San Francisco</u> State: <u>CA</u> Zip: <u>94105-2482</u> Phone Number: <u>(415) 268-6373</u> Fax Number: <u>(415) 268-7522</u> Email Address: <u>PYim@mofo.com</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>03-1952</u> Authorized User Name <u>Peter J. Yim</u></p>
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9. Signature:
[Signature] 42,126 July 25, 2006
Signature Date
for Peter J. Yim - Reg. No. 44,417 Total number of pages including cover sheet, attachments, and documents: 40.00
Name of Person Signing

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 809052435 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.
Dated: July 25, 2006 Signature: [Signature] (Leah Kjellen)

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Hemalatha ERVA, Hong QIU, Junwei BAO, and Vi VUONG (hereinafter referred to as the assignors), residing at 4749 Deep Creek Rd, Fremont, CA 94555; 31390 Cape View Drive, Union City, CA 94587; 388 Ventura Avenue, Palo Alto, CA 94306; and 5048 Dunsmuir Common, Fremont, CA 94555, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in ALLOCATING PROCESSING UNITS TO GENERATE SIMULATED DIFFRACTION SIGNALS USED IN OPTICAL METROLOGY, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. (To Be Assigned) and filed on Herewith; and

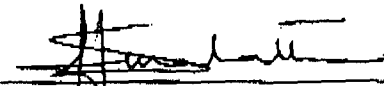
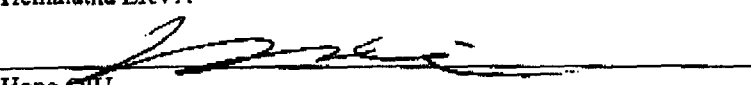
WHEREAS, TOKYO ELECTRON LIMITED., a corporation duly organized under and pursuant to the laws of Japan and having its principal place of business at TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107, Japan (hereinafter referred to as the assignee) is desirous of acquiring the entire right, 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 therefore 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 therefore 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.

07/25/2006	
Date	Hemalatha ERVA
7/25/2006	
Date	Hong QIU

7/28/06
Date

Junwei BAO
Junwei BAO

7/25/06
Date

Vi VUONG
Vi VUONG