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U.S. Department of Commerce

U.S. Patent and Trademark Office

Attorney Docket Number: 101136-00116

Date: September 10, 2004

demark Office: Please record the attached documents or the new address(es) below To the Director or the C.C 2. Name and address of receiving party(ies): Name of conveying party(ies)/Execution Date(s) 1. Takanori KOSHIKAWA Takashi IKUTA Name: ULVAC-PHI, INC. 2. 3. Tsuneo YASUE 4. Masami TAGUCHI Address: 370, Enzo, Chigasaki-shi, Kanagawa 253-0084 Japan 5. Ibuki TANAKA Execution Date(s): 1. August 23, 2004 and 2. August 23, 2004 3. August 23, 2004 Name: Takanori KOSHIKAWA 4. August 18, 2004 5. August 18, 2004 Address: 2-1657-72, Sahodai, Nara-shi, Nara 630-8105 Japan 3. Nature of conveyance: ☐ Merger☐ Change of Name Assignment Security Agreement Government Interest Assignment □ Executive Order 9424, Confirmatory License Other: ☐ This document is being filed together with a new application. 4. Application number(s) or patent number(s): A. Patent Application Number(s) B. Patent Number(s) Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: One 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$ 40.00 ARENT FOX PLLC Name: Included in attached check number 412040. Authorized to be charged by credit card. Street Address: 1050 Connecticut Avenue, NW Authorized to be charged to Deposit Account. Suite 400 Any additional fees are authorized to be charged to Washington, DC 20036-5339 Deposit Account. Telephone Number: 202-857-6000 8. Payment Information 202-638-4810 Fax Number: a. Credit Card Last 4 Numbers: dcipdocket@arentfox.com Email Address: Expiration Date: b. Deposit Account Number: 01-2300 (Attach duplicate copy of this page if paying by deposit account.) 09/13/2004 HTECKLU1 00000035 10937337 Authorized User Name: 02|| FC - 8**02**1 DO NOT USE THIS SPACE 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. September 10, 2004 Charles M. Marmelstein Date Name of Person Signing

Registration Number 25,895

Total number of pages including cover sheet, attachments, and document: 2

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Docket No.	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)] ULVAC-PHI, Inc.
370, Enzo, Chigasaki-shi, Kanagawa 253-0084 Japan

Takanori KOSHIKAWA

2-1657-72, Sahodai, Nara-shi, Nara 630-8105 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this section must be completed] Photoemission Electron Microscopy and Measuring Method Using the Microscopy

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on ______, Serial No.

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

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PATENT RECORDED: 09/10/2004 REEL: 015782 FRAME: 0591