

Our File No. IIP-06-6141

# RECORDATION FORM COVER SHEET PATENTS ONLY

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)  
**VACUUM METALLURGICAL CO., LTD.**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 21, 2010

- ☒ Assignment  
☐ Security Agreement  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other
- ☐ Merger  
☐ Change of Name

2. Name and address of receiving party(ies)

Name: **ULVAC, INC.**

Internal Address:

Street Address: **2500 HAGISONO**

City: **CHIGASAKI-OSHI, KANAGAWA**

State:

Country: **JAPAN** Zip: **253-8543**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

4. Application or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

**6,953,629**

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **PATENT GROUP**

**DLA PIPER US LLP**

Street Address: **203 N. LaSalle St., Suite 1900**

City: **Chicago**

State: **Illinois, 60601**

Phone Number: **(312) 368-4000**

Fax Number: **(312) 236-7516**

Email Address: **patentschgo@dlapiper.com**

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 **18-2284**

Authorized User Name **R. Blake Johnston**

9. Signature:



Signature

**R. Blake Johnston, Reg. No. 41,097**

Name of Person Signing

**January 13, 2011**

Date

Total number of pages including cover sheet, attachments, and documents **3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 182284 595362

**PATENT ASSIGNMENT AGREEMENT**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned, **VACUUM METALLURGICAL CO., LTD.**, a corporation, with its principal place of business located at ULVAC Materials, Inc., 10-1, Misawa, Tomisato-shi, Chiba 285-0225 Japan ("Assignor"), hereby assigns to **ULVAC, INC.**, a corporation with its principal place of business located at 2500 Hagisono, Chigasaki-Oshi, Kanagawa 253-8543, Japan, ("Assignee"), its entire right, title and interest in and to the United States patents and corresponding foreign patents and patent applications and the international patent application as described in Schedule A attached hereto and incorporated herein by reference, together with all inventions described therein or related thereto, and each and every patent that may be issued upon the aforesaid inventions and applications, and in and to any and all reexaminations, reissues or extensions thereof, of the United States and countries foreign thereto (including the right to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties or otherwise), and previously or currently existing and future causes of action, income royalties, damages and payments for past and future infringements thereof (all of the foregoing are sometimes hereinafter individually and/or collectively referred to as the "Patents").

Assignor also assigns to Assignee, its entire right, title and interest in and to the Patents to file applications and obtain patents, utility models, industrial models and designs for the Patents in Assignee's own name throughout the world including all rights to publish cautionary notices reserving ownership of the Patents and all rights to register the Patents in appropriate registries. Assignor further agrees to execute any and all powers of attorney, assignments, declarations, affidavits, divisional, continuation, continuation-in-part, reissue and substitute applications and any other papers in connection therewith necessary to perfect all right, title and interest in Assignee.

This Agreement shall be binding on the parties' successors, assigns and legal representatives.

VACUUM METALLURGICAL CO., LTD.

By: Takaharu ITO

Name: Takaharu ITO

Title: President

Date: September 20/0

WITNESSED BY:

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

**SCHEDULE A**

**U.S. Patents**

**Patent No.**

**5,953,629**

**Title**

**METHOD OF THIN FILM FORMING ON  
SEMICONDUCTOR SUBSTRATE**

EAST43553456.1