

08-17-2000



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Receiving Party

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Name (line 1) **ULVAC Japan, Ltd.**

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached.  
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Name (line 2)

Address (line 1) **401 Griffin Brook Drive**

Address (line 2)

Address (line 3) **Methuen**

City

**Massachusetts**

State/Country

**01844**

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Correspondent Name and Address                      Area Code and Telephone Number    **(303) 454-2454**

Name (line 1)    **Carol W. Burton, Esq.**

Address (line 1)    **Hogan & Hartson LLP**

Address (line 2)    **1200 17<sup>th</sup> Street, Suite 1500**

Address (line 3)    **Denver, CO 80202**

Address (line 4)    \_\_\_\_\_

Pages                      Enter the total number of pages of the attached conveyance document including any attachments                      #    **2**

Application Number(s) or Patent Number(s)                          Mark if additional numbers attached

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|                              |       |       |                  |       |       |
|------------------------------|-------|-------|------------------|-------|-------|
| Patent Application Number(s) |       |       | Patent Number(s) |       |       |
| <b>09/556,255</b>            | _____ | _____ | _____            | _____ | _____ |
| _____                        | _____ | _____ | _____            | _____ | _____ |
| _____                        | _____ | _____ | _____            | _____ | _____ |

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.                      Month Day Year

\_\_\_\_\_

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned

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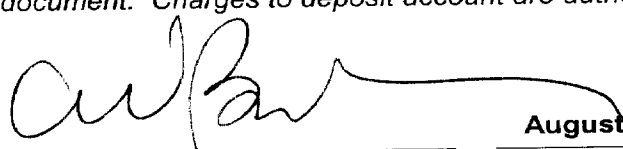
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

**Carol W. Burton**                                            **August 2, 2000**

\_\_\_\_\_  
Name of Person Signing                      Signature                      Date

# ASSIGNMENT

WHEREAS, I, KouKou SUU, having a residence address of 4-3-2 Tomisato, Inba, Chiba, 286-0201 JAPAN, am a co-inventor of a certain new and useful invention relating to HIGH TEMPERATURE DEPOSITION OF Pt/TiO<sub>x</sub> FOR BOTTOM ELECTRODES, for which I am making or have made application for Letters Patent of the United States, said application being identified by Serial No. 09/556,255, Docket No. RAM 467 and Client/Matter No. 80412.0126, in the law firm of Hogan & Hartson, LLP, 1200 Seventeenth Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith; and

WHEREAS, ULVAC Japan, Ltd., having a business address of 401 Griffin Brook Drive, Methuen, Massachusetts 01844, ("ULVAC) is desirous of acquiring of all of my interest in and to said invention, said application, and the Letters Patent to be obtained therefor.

NOW THEREFORE, for certain good and valuable consideration to me in hand paid, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over to ULVAC, and said assignee's legal representatives, successors, and assigns, my entire right, title, and interest in and to said invention, said application, all continuing applications, reissued and reexamined patents, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ULVAC consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing divisional, renewal, reissued or

