| Attorney Docket No. | REC | 07-2001 893137 | TMENT OF COMMERC atent and Trademark Offic 10'31'01 |
|--|---|---------------------------------------|---|
| Commissioner for Pate | ents: Please record the att | ached original docum | nents or copy thereof. |
| Submission type: | <u>xx</u> New | | |
| Conveyance type: | <u>xx</u> Assignment License Merger | | Change of name Other |
| Conveying Party(ies): | | , , , , , , , , , , , , , , , , , , , | Execution Date |
| First party Name | : TANI, Noriaki | | July 19, 2001 |
| Second party Name | e: SAITO, Kazuhi | ko | July 23, 2001 |
| Third party Nam | e: SUU, Koukou | | July 23, 2001 |
| Additional name(s) of | conveying party(ies) attac | ched? Yes <u>No X</u> | <u>X</u> |
| Receiving Party (ies): First party Nam Add | e: ULVAC Inc. ress: 2500, Hagisono, | anagawa 253-8543 Ja | APAN |
| Additional name(s) & | address(es) attached? Y | es No | |
| Domestic Representa Suite 1000 | tive Name and Address | | 23850 |
| 1725 K Street, N.W Washington, D.C. 2 (202) 659-2930 | | PATENT TRAD | EMARK OFFICE |
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PATENT REEL: 012294 FRAME: 0958

| Correspondent Name and Address Telephone: 202-659-2930 ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 Pages Enter the total number of pages of the attached conveyance document: 1 | Page 2 | | | | |
|--|--|--|--|--|--|
| (including any attachments, but not counting cover sheets) Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX A. Patent Application No.(s) B. Patent No.(s) (modelship) B. Patent No.(s) (modelship) B. Patent No.(s) (modelship) (modelship) (modelship) A. Patent Application No.(s) (modelship) (modelship) (modelship) (modelship) <tr< td=""><td colspan="5">ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000</td></tr<> | ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 | | | | |
| A. Patent Application No.(s) 09/909,852 B. Patent No.(s) ## If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: | | | | | |
| 09/909,852 ## If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: | Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX | | | | |
| signed by the first named executing inventor: | | | | | |
| Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT Number of Properties Enter the total number of properties involved: 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) | signed by the first named executing inventor: | | | | |
| Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). \$40.00 XX Enclosed | Enter PCT application number only if PCT | | | | |
| XX_Enclosed Authorized to be charged to Deposit Account No.: 01-2340 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. Mel R. Quintos Name of Person Signing October 31, 2001 31,898 Date Registration No. | Number of Properties Enter the total number of properties involved: <u>1</u> | | | | |
| Authorized to be charged to Deposit Account No.: 01-2340 Statement and signature | Fee AmountFee Amount for Properties Listed (37 CFR 3.41).\$40.00 | | | | |
| 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. Mel R. Quintos Name of Person Signing October 31, 2001 Date Signature 31,898 Registration No. | XX Enclosed | | | | |
| 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. Mel R. Quintos Name of Person Signing October 31, 2001 Date 31,898 Registration No. | Authorized to be charged to Deposit Account No.: 01-2340 | | | | |
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PATENT REEL: 012294 FRAME: 0959

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, Inc.

2500, Hagisono, Chigasaki-shi, Kanagawa 253-8543 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)

of the application, this section must be

completed)

SPUTTERING APPARATUS

(*If the assignment is for which application for Letters Patent of the United States was executed on even date being filed after the filing herewith unless otherwise indicated below:

filed on *

Serial No.

(Armstrong, Westerman, Hattori, McLeland & Naughton 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, divisional, 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 the application and any continuation, 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, divisional, 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).

| Noriaki Tani (SIGNATURE) | Noriaki Tani (TYPE NAME) | July 19, 200/ (DATE) |
|-------------------------------|-------------------------------|----------------------------|
| Kazuhiko Saito (SIGNATURE) | Kazuhiko Saito (TYPE NAME) | July 23.200/ |
| (SIGNATURE) | Koukou Suu (TYPE NAME) | - Joly 23, 000 1 (DATE) |
| (SIGNATURE) | (TYPE NAME) | (DATE) |

NO LEAGALIZATION REQUIRED

PATENT REEL: 012294 FRAME: 0960

RECORDED: 10/31/2001

(Signatures)