

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|-------------------------|---------------|----------------|---------------------|----------------|------------|-------------------------|-------------------|------------|---------------|------------|---------------|------------|---------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takumi Namekawa</td> <td>10/29/2009</td> </tr> <tr> <td>Kouji Hane</td> <td>11/02/2009</td> </tr> <tr> <td>Masasuke Matsudai</td> <td>11/02/2009</td> </tr> <tr> <td>Yoshio Sunaga</td> <td>11/09/2009</td> </tr> <tr> <td>Junpei Yuyama</td> <td>11/10/2009</td> </tr> <tr> <td>Hidenori Suwa</td> <td>11/16/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Takumi Namekawa | 10/29/2009 | Kouji Hane | 11/02/2009 | Masasuke Matsudai | 11/02/2009 | Yoshio Sunaga | 11/09/2009 | Junpei Yuyama | 11/10/2009 | Hidenori Suwa | 11/16/2009 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ULVAC, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2500 Hagisono,</td> </tr> <tr> <td>City:</td> <td>Chigasaki-shi, KANAGAWA</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>253-8543</td> </tr> </table> | | Name: | ULVAC, Inc. | Street Address: | 2500 Hagisono, | City: | Chigasaki-shi, KANAGAWA | State/Country: | JAPAN | Postal Code: | 253-8543 | | | | |
| Name: | ULVAC, Inc. | | | | | | | | | | | | | | |
| Street Address: | 2500 Hagisono, | | | | | | | | | | | | | | |
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| State/Country: | JAPAN | | | | | | | | | | | | | | |
| Postal Code: | 253-8543 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12575851</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12575851 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 12575851 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
| <p>Fax Number: (202)887-0357</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-659-2930</p> <p>Email: rpelayo@kqhpatentlaw.com</p> <p>Correspondent Name: Kratz, Quintos & Hanson, LLP</p> <p>Address Line 1: 1420 K Street, N.W. Suite 400</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p> | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 090255 | | | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Mel R. Quintos | | | | | | | | | | | | | | |

CH \$40.00 12575851

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PATENT
REEL: 023579 FRAME: 0864

Total Attachments: 1
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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
ULVAC, Inc. 2500 Hagisono, Chigasaki-shi, KANAGAWA 253-8543 JAPAN

(Insert ASSIGNEE's
Name(s) Address(es))

(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)

SPACER PLACING METHOD

(*If the assignment is being filed after the filing of the application, this section must be completed)

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

* filed on October 8, 2009, Serial No. 12/575,851.

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial 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).

(Signatures)

| | | |
|---------------------------------------|---|-----------------------------|
| <u>Takumi Namekawa</u> (Signature) | <u>Takumi Namekawa</u> (Type Name) | <u>29/10/2009</u> (Date) |
| <u>Koji Hane</u> (Signature) | <u>Kouji Hane</u> (Type Name) | <u>2/11/2009</u> (Date) |
| <u>[Signature]</u> (Signature) | <u>Masasuke Matsudai</u> (Type Name) | <u>2/11/2009</u> (Date) |
| <u>[Signature]</u> (Signature) | <u>Yoshio Sunaga</u> (Type Name) | <u>9/11/2009</u> (Date) |
| <u>Junpei Yuyama</u> (Signature) | <u>Junpei Yuyama</u> (Type Name) | <u>10/11/2009</u> (Date) |
| <u>Hidenori Suwa</u> (Signature) | <u>Hidenori Suwa</u> (Type Name) | <u>16/11/2009</u> (Date) |
| (Signature) | (Type Name) | (Date) |
| (Signature) | (Type Name) | (Date) |

NO LEGALIZATION REQUIRED

Re. 07/07

PATENT

RECORDED: 11/30/2009

REEL: 023579 FRAME: 0866