

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>Hideaki Zama</td> <td>12/11/2009</td> </tr> <tr> <td>Michio Ishikawa</td> <td>12/11/2009</td> </tr> <tr> <td>Takumi Kadota</td> <td>01/04/2010</td> </tr> <tr> <td>Chihiro Hasegawa</td> <td>01/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hideaki Zama	12/11/2009	Michio Ishikawa	12/11/2009	Takumi Kadota	01/04/2010	Chihiro Hasegawa	01/04/2010
Name	Execution Date										
Hideaki Zama	12/11/2009										
Michio Ishikawa	12/11/2009										
Takumi Kadota	01/04/2010										
Chihiro Hasegawa	01/04/2010										
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, Chigasaki-shi</td> </tr> <tr> <td>City:</td> <td>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, Chigasaki-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	253-8543
Name:	ULVAC, INC.										
Street Address:	2500, Hagisono, Chigasaki-shi										
City:	Kanagawa										
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>12676322</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12676322						
Property Type	Number										
Application Number:	12676322										
CORRESPONDENCE DATA											
<p>Fax Number: (612)349-9266</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-349-3001</p> <p>Email: erickson@ptslaw.com</p> <p>Correspondent Name: Douglas J. Christensen</p> <p>Address Line 1: 4800 IDS Center</p> <p>Address Line 2: 80 South Eighth Street</p> <p>Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	2418.115WOUS										
NAME OF SUBMITTER:	Douglas J. Christensen										
Total Attachments: 1											

OP \$40.00 12676322

501193810

PATENT
REEL: 024477 FRAME: 0666

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

ULVAC, INC.

(hereinafter referred to as "ASSIGNEE"), which has a business office at

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

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

(File No. 2418.115WOUS) for which I(we) have executed an application for a United States Letters Patent on Dec. 11 & 14, 2009 & Jan. 4, 2010. (Application Serial No. 12/676,322 filed on March 3, 2010.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Hideaki Zama Date: Dec. 11, 2009
Name: Hideaki ZAMA

2) Michio Ishikawa Date: Dec. 11, 2009
Name: Michio ISHIKAWA

3) Takumi Kadota Date: Jan. 4, 2010
Name: Takumi KADOTA

4) Chihiro Hasegawa Date: Jan. 4, 2010
Name: Chihiro HASEGAWA

Witness: Tetsuro Shimano Date: Dec. 20, 2009 2010. 01. 05 T.S.

January 5, 2010

PATENT

RECORDED: 06/03/2010

REEL: 024477 FRAME: 0668