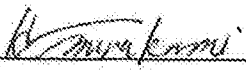


PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tatsuhiko Nozue</td> <td>04/03/2013</td> </tr> <tr> <td>Hirohiko Murakami</td> <td>04/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Tatsuhiko Nozue	04/03/2013	Hirohiko Murakami	04/03/2013
Name	Execution Date						
Tatsuhiko Nozue	04/03/2013						
Hirohiko Murakami	04/03/2013						
RECEIVING PARTY DATA							
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13881788</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13881788		
Property Type	Number						
Application Number:	13881788						
CORRESPONDENCE DATA							
Fax Number:	7037179392						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	703-717-9362						
Email:	cgoode@cermaknakajima.com						
Correspondent Name:	Tomoko Nakajima						
Address Line 1:	127 S. Peyton Street						
Address Line 2:	Suite 210						
Address Line 4:	Alexandria, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	1015-0137						
NAME OF SUBMITTER:	Christopher Goode						
Signature:	/Christopher Goode/						
Date:	04/26/2013						
Total Attachments: 2 source=1015-0137 Assignment 2013-04-26#page1.tif source=1015-0137 Assignment 2013-04-26#page2.tif							

OP \$40.00 13881788

<u>Full Name of Second Assignor</u> MURAKAMI, Hirohiko	<u>Assignor's Signature</u> 	<u>Date</u> 03/04/2013
<u>Address:</u> c/o ULVAC, INC., Tsukuba Institute for Super Materials, 5-9-6 Tokodai, Tsukuba-shi, Ibaraki 300-2635, Japan		<u>Citizenship:</u> Japan
<u>Full Name of Third Assignor</u>	<u>Assignor's Signature</u>	<u>Date</u>
<u>Address:</u>		<u>Citizenship:</u>
<u>Full Name of Forth Assignor</u>	<u>Assignor's Signature</u>	<u>Date</u>
<u>Address:</u>		<u>Citizenship:</u>
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Cermak Nakajima LLP