**PATENT ASSIGNMENT**

Electronic Version v07  
Stylesheet Version v02

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<tr>
<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<tr>
<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT OF ASSIGNOR'S INTEREST</td>
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### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Paul Harris</td>
<td>2003-08-05</td>
</tr>
<tr>
<td>John Tingay</td>
<td>2003-08-05</td>
</tr>
<tr>
<td>Martin Turmidge</td>
<td>2003-08-05</td>
</tr>
</tbody>
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### RECEIVING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Street Address</th>
<th>Internal Address</th>
<th>City</th>
<th>State/Country</th>
<th>Postal Code</th>
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<tbody>
<tr>
<td>Leica Microsystems Lithography Ltd.</td>
<td>515 Coldhams Lane</td>
<td></td>
<td>Cambridge</td>
<td>UNITED KINGDOM</td>
<td>CB1 3XE</td>
</tr>
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### PROPERTY NUMBERS  Total: 1

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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>10644185</td>
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### CORRESPONDENCE DATA

FAX NUMBER: 781-863-9931
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 029127

<table>
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<tr>
<th>NAME OF PERSON SIGNING:</th>
<th>Maria M. Eliseeva</th>
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<table>
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<th>DATE SIGNED:</th>
<th>2003-11-19</th>
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Total Attachments: 3
source=sh01.TIF  
source=sh02.TIF  
source=sh03.TIF
Whereas we, the undersigned,

Paul Harris, a citizen of Britain, residing at Vine Cottages, Haverhill, Suffolk, CB9 9LR, United Kingdom;

John Tingay, a citizen of Britain, residing at 61 Marget Street, Cottenham, Cambridge, CB4 8QY, United Kingdom;

Martin Turndige, a citizen of Britain, residing at 21 Tillyard Way, Cambridge, CB1 8QT, United Kingdom;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

**Substrate Loading and Unloading Apparatus**

identified as Attorney Docket No. 21295.57 (H5653US), which application was filed on 8/20/93, and assigned Application No. 10/644,185. In the event that the execution date, filing date and/or Application No. are not entered above at the time we execute this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at HOUSTON ELISEEVA L.L.P., 4 Militia Drive, Ste. 4, Lexington, MA 02421, USA to insert above the execution date, filing date and/or Application No. of said application; and

Whereas, Leica Microsystems Lithography Ltd., having an office and a place of business at 515 Coldhams Lane, Cambridge CB1 3XE, England, and which, together with its successors and assigns, is hereinafter called "Assignor," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited,

Now, therefore, for valuable consideration furnished by Assignor to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed Great Britain application GB 02 19 608.7, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: 5/8/3

[Signature]

Paul Harris

I declare that I did see the above-named individual sign this document in my presence.

Witness: [Signature]

Date: 5/8/03
Dated: 5th August 2003

I declare that I did see the above-named individual sign this document in my presence.

Witness: N.C. Gaskell

Date: 5/8/03

Dated: 5th August 2003

I declare that I did see the above-named individual sign this document in my presence.

Witness: N.C. Gaskell

Date: 5/8/03