




FORM PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Docket No. ROC920030384US1RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):  Mark Charles Hakey  David Vaclav Horak  Charles William Koburger III  Peter H. Mitchell</p> <p>Additional names of conveying party(ies) attached?  <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <hr/> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: May 14, 2004, May 14, 2004,  May 14, 2004 and May 14, 2004</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>International Business Machines Corporation</u></p> <p>Internal Address: _____</p> <hr/> <p>Street Address: <u>New Orchard Road</u>  City: <u>Armonk</u>  State: <u>New York</u> Zip: <u>10504</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>			
<p>4. Application number(s) or patent number(s):</p> <p>TITLE: _____</p> <p>If this document is being filed together with a new application, the execution date of the application is _____</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920030384US1  Serial No. 10/749,638</p> </td> <td style="width: 50%; vertical-align: top;"> <p>B. Patent No(s).</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920030384US1  Serial No. 10/749,638</p>	<p>B. Patent No(s).</p>	
<p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920030384US1  Serial No. 10/749,638</p>	<p>B. Patent No(s).</p>			
<p>Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="text-align: center;">Robert R. Williams  IBM Corporation - Dept. 917  3605 Highway 52 North  Rochester, MN 55901-7829</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Total fee due  <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: _____</p> <p style="text-align: center;"><u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>			
DO NOT USE THIS SPACE				
<p>9. Statement and signature</p> <p>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.</p> <table style="width: 100%;"> <tr> <td style="width: 35%;"> <u>Robert R. Williams #48,395</u>  Name of Person Signing </td> <td style="width: 35%; text-align: center;">   Signature </td> <td style="width: 30%; text-align: center;"> <u>6/10/04</u>  Date </td> </tr> </table> <p style="text-align: right;">Total number of pages comprising cover sheet: <u>3</u></p>		<u>Robert R. Williams #48,395</u> Name of Person Signing	 Signature	<u>6/10/04</u> Date
<u>Robert R. Williams #48,395</u> Name of Person Signing	 Signature	<u>6/10/04</u> Date		

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PATENT  
REEL: 014720 FRAME: 0014

Docket No.: ROC920030384US1

**ASSIGNMENT**

Whereas, we

- |         |                                                    |                                                  |
|---------|----------------------------------------------------|--------------------------------------------------|
| (1)     | Mark Charles Hakey,<br>County of Franklin,         | City of Fairfax,<br>and State of Vermont,        |
| (2)     | David Vaclav Horak,<br>County of Chittenden,       | City of Essex Junction,<br>and State of Vermont, |
| (3)     | Charles William Koburger III,<br>County of Albany, | City of Delmar,<br>and State of New York,        |
| and (4) | Peter H. Mitchell<br>County of Chittenden,         | City of Jericho,<br>and State of Vermont,        |

have invented certain improvements in

**MOVING LENS FOR IMMERSION OPTICAL LITHOGRAPHY**

and have executed, respectively, a United States patent application therefor on

Dates  
 Inventors (1) May 14, 2004, and (2) May 14, 2004, and  
 Signed (3) May 14, 2004, and (4) May 14, 2004.

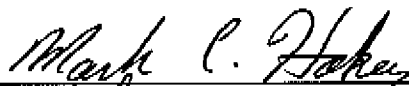
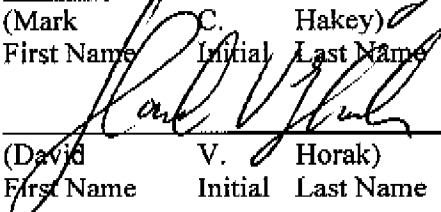
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

**Signed**

Inventor (1) at Essex Junction, Vermont  
 on 5/14, 2004.

Inventor (2) at Essex Junction, Vermont  
 on 5/14, 2004.

			Inventor Signature
(Mark	C.	Hakey)	
First Name	Initial	Last Name	
			Inventor Signature
(David	V.	Horak)	
First Name	Initial	Last Name	

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Docket No.: ROC920030384US1

Inventor  
(3) at Albany, New York  
on May 14, 2004

Charles William Koburger III  
(Charles W. Koburger III) Inventor  
First Name Initial Last Name Signature

Inventor  
(4) at Essex Junction, Vermont  
on 5-14, 2004

Peter H. Mitchell  
(Peter H. Mitchell) Inventor  
First Name Initial Last Name Signature