

03-19-1999



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<p>1. Name of conveying parties:</p> <p>Tsung-Nan Lin Joseph Shu</p> <p style="margin-left: 200px;">3-12-99</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Name: Epson Research and Development, Inc.</p> <p>Internal Address:</p> <p>Street Address: 225 Baypointe Parkway San Jose, CA 95134-1627</p> <p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<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: February 23, 1999</p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No(s). 09/209,904</td> <td style="width: 50%;">B. Patent No(s).</td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). 09/209,904	B. Patent No(s).
A. Patent Application No(s). 09/209,904	B. Patent No(s).		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="text-align: center;">Intellectual Property Department Epson Research And Development Inc. 225 Baypointe Parkway San Jose, CA 95134</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41)\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account.</p> <p>8. Deposit Account Number: <u>19-2746</u></p>		
<p>03/18/1999 JSHABAZZ 00000132 192746 09209904 01 FC:561 40.00 CH</p> <p style="text-align: center;">DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.</i></p> <p>Michael T. Gabrik <u>Michael T. Gabrik</u> Date: March 12, 1999 Registration No. 32,896</p>			
<p style="text-align: right;">Total number of pages including cover sheet, attachments and document: 2</p>			

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,
Tsung-Nan Lin and Joseph Shu
who have created a certain invention for which an application for United States Letters Patent has been filed
on December 11, 1998, Serial No. 09/209,904 and entitled

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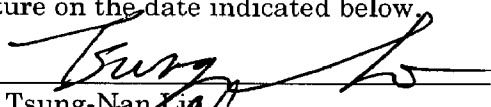

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IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature on the date indicated below.

Date: 2/23/99
Month/Day/Year
Date: 2/23/99
Month/Day/Year


Tsung-Nan Lin

Joseph Shu