

RECORD.



102405384

To The Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

<p>1. Name of conveying party(ies): Shinri Sakai</p> <p style="text-align: right; font-size: 2em; font-weight: bold;">32803</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(ies): Name: Seiko Epson Corporation Internal Address: Street Address: 4-1 Nishishinjuku 2-Chome, Shinjuku-ku, Tokyo, Japan</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: March 20, 2003</p>	<p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECORD SECTION</p>		
<p>4. Application number(s) or patent number(s): 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): 10/105,138</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): 10/105,138	B. Patent No(s):
A. Patent Application No(s): 10/105,138	B. Patent No(s):		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="padding-left: 40px;">Intellectual Property Department Epson Research and Development, Inc. 150 River Oaks Parkway, Suite 225 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>		
DO NOT USE THIS SPACE			
<p>9. Statement and signature: <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 21, 2003 Registration No. 32,896</p>			
<p style="text-align: center;">Total number of pages including cover sheet, attachments and document: 2</p>			

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Assignment-2 Recordation Cover Sheet
Customer No. 20178

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,
 Shinri Sakai,
 who have created a certain invention with Jiun-Der Yu for which an application for United States Letters
 Patent has been filed on March 22, 2002, Serial No. 10/105,138 and entitled

**A SLIPPING CONTACT LINE MODEL AND THE MASS-CONSERVATIVE LEVEL SET IMPLEMENTATION FOR INK-JET
 SIMULATION**

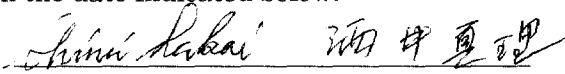
Do hereby sell, assign and transfer to **SEIKO EPSON CORPORATION**, a corporation of Japan, having a
 place of business at **4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan** its successors, assigns, and
 legal representatives, my entire right to said invention and said application and to any and all inventions
 described in said application for the United States, its territorial possessions and all foreign countries, and my
 entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the
 United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-
 part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters
 Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or
 any foreign countries, and all rights, together with all priority rights, under any of the international
 conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts,
 and treaties;

Agree that **SEIKO EPSON CORPORATION**, hereinafter referred to as Assignee, may apply for and receive
 Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own
 name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to
 carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its
 successors, assigns and legal representatives, the undersigned will execute all continuations-in-part,
 continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments,
 powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said
 Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said
 invention and the history thereof; and generally do everything possible which said Assignee, its successors,
 assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing
 proper patent protection for said invention and for vesting title to said invention and all applications for
 patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant,
 mortgage, license or other agreement affecting the rights and property herein conveyed has been made to
 others by the undersigned, and that full right to convey the same as herein expressed is possessed by the
 undersigned.

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

Date: 03 / 20 / 2003
 Month/Day/Year


 Shinri Sakai