

Form PTO-1595

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PS139

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

<p>1. Name of conveying party(ies): Sumitomo Electric Industries, Ltd. 5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan</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: <i>Seiko Epson Corporation</i> Internal Address: Street Address: <i>4-1 Nishishinjuku 2-Chome, Shinjuku-ku, Tokyo, Japan</i></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: March 12, 2004</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 style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;">A. Patent Application No(s).</td> <td style="width:50%; border: none;">B. Patent No(s). 5,888,646</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).	B. Patent No(s). 5,888,646
A. Patent Application No(s).	B. Patent No(s). 5,888,646		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="margin-left: 40px;">Intellectual Property Department Epson Research and Development, Inc. 150 River Oaks Parkway, Suite 225 San Jose, CA 95134 Customer No. 20178</p>	<p>6. Total number of applications and patents involved: <p style="text-align: center;">1</p></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>Mark P. Watson <u>Michael T. Halch</u> Date: 04/28/04 Registration No. 31,448 Reg. No. 32,896</p>			
<p>Total number of pages including cover sheet, attachments and document: 2</p>			

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Assignment

SUMITOMO ELECTRIC INDUSTRIES, LTD., a corporation of Japan, having a principal place of business at 5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan (hereafter the "Assignor"), is an owner by respective Assignment of United States Patent *No. 5,888,646*.

SEIKO EPSON CORPORATION, a corporation of Japan, having a place of business at 4-1 Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan (hereafter the "Assignee"), desires to acquire Assignor's rights to said United States Patent and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee its entire right, title and interest in and to said Patent, and all inventions described and claimed therein, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

SUMITOMO ELECTRIC INDUSTRIES, LTD.

By: Shinya Takenaka
Shinya TAKENAKA

Title: General Manager, Intellectual Property Department

Date: March 12, 2004