

RECORD

07-17-2003
102499162

U.S. Department of Commerce
Patent and Trademark Office

AP165HO

To The Commissioner of Patents and Trademarks: Please record this as an original document or copy thereof.

<p>1. Name of conveying party(ies): <u>7-14-03</u> Epson Research and Development, Inc. 150 River Oaks Parkway, Suite 225 San Jose, CA 95134</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>
--	--

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: July 7, 2003

Additional name(s) and addresses attached?
 Yes No

FINANCE SECTION
JUL 14 AM 8:19

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>A. Patent Application No(s). <u>10/412,128</u></p>	<p>B. Patent No(s).</p>
---	-------------------------

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Intellectual Property Department
Epson Research and Development, Inc.
150 River Oaks Parkway, Suite 225
San Jose, CA 95134

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41)..... \$40.00
 Enclosed
 Authorized to be charged to deposit account.

8. Deposit Account Number: 19-2746

DO NOT USE THIS SPACE

9. Statement and signature:
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.

Michael T. Gabrik Mark P. Walker 31,448 Date: 07/07/03
Registration No. 32,896

Total number of pages including cover sheet, attachments and document: 3

07/16/2003 LMUELLER 00000136 192746 10412128

FC:8021 40.00 DA

ASSIGNMENT

Corporate

EPSON RESEARCH AND DEVELOPMENT, INC., a California corporation, having a principal place of business at 150 River Oaks Parkway, Suite 225, San Jose, CA 95134 (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

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 all of the rights to the Patent Application 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 the entire right, title and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, 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.

<u>ERD Case No.</u>	<u>U. S. Serial No.</u>	<u>U. S. Filing Date</u>	<u>Title</u>
AP165HO	10/412,128	April 11, 2003	Method and Apparatus for Low Depth of Field Image Segmentation

By its undersigned representative, the Assignor agrees

a. to execute all papers necessary in connection with the Patent Application and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute a separate Assignment in connection with such application as the Assignee may deem necessary or expedient;

b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, division, reissue or reexamination thereof and to cooperate with

the Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on the Patent Application and on any continuation, division, reissue or reexamination of the Patent Application.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

EPSON RESEARCH AND DEVELOPMENT, INC., a California corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application identified above by virtue of Assignment from the inventor(s) of the Patent Application identified above. The Assignment is to be recorded in the Patent and Trademark Office as identified below.

<u>ERD</u> <u>Case No.</u>	<u>U. S. Serial</u> <u>No.</u>	<u>Assignment</u> <u>Execution Date</u>
AP165HO	10/412,128	April 10, 2003

The undersigned is empowered to sign this certificate on behalf of the Assignor.

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

EPSON RESEARCH AND DEVELOPMENT, INC.

By: Junichi Okada
Junichi Okada
President

07/07/03
Date