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To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20231 original documents or copy thereof.

1. Name of conveying party(ies):
Yoshitaka ITOH and Toshiaki HASHIZUMI

2. Name and address of receiving party(ies):
Name: Seiko Epson Corporation
Address: 4-1, Nishishinjuku 2-chome
Shinjuku-ku, Tokyo 163 Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 4/10/98; 4/16/98

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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:

A. Patent Application No.(s)
09/051,916

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

OBLON, SPIVAK, McCLELLAND, MAIER &
NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202



6. Total 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: 15-0030
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9. Statement and signature

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.

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PATENT
REEL: 010738 FRAME: 0997

PATENT APPLICATION ASSIGNMENT
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.

WHEREAS, I (We), ITOH Yoshitaka and HASHIZUME Toshiaki as assignor(s), have invented certain improvements in "LIGHTING DEVICE AND PROJECTOR-TYPE DISPLAY APPARATUS" for which an application for United States Letters patent has been executed by me (us) of even date herewith; and

WHEREAS, Seiko Epson Corporation of 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163 Japan as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

The undersigned hereby grant(s) the law firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C., the power to insert here in parentheses (Application No. 09/051,916, filed April 27, 1998) the filing date and application number of said application when known.

Date: April 10, 1998 Yoshitaka Itoh
(Day/Month/Year) ITOH Yoshitaka

Date: April 16, 1998 Toshiaki Hashizume
(Day/Month/Year) HASHIZUME Toshiaki

RECORDED: 04/12/2000

PATENT
REEL: 010738 FRAME: 0998