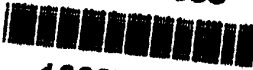


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attached original documents or copy thereof.

1. Name of conveying party(ies):
Kenji WATANABE, Takuya SUETANI,
Kiyoshi OGAWA and Miwa KANDA

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: Jan. 14, 18 & 19, 1999

2. Name and address of receiving party(ies)

Name: KING JIM CO., LTD. and SEIKO EPSON CORPORATION of, respectively,
Internal Address: 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo, Japan and 4-1, Nishi-Shinjuku 2-chome Shinjuku-ku, Tokyo, Japan

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & 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: 14 JAN 99
18 JAN 99
19 JAN 99

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: George A. Loud

03/03/1999 DSTAMP 00000024 122174 09253066
03 FC:581 40.00 CH

Street Address: LORUSSO & LOUD
3137 Mt. Vernon Avenue
City: Alexandria State: VA ZIP: 22305

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: _____

(Attach duplicate copy of this page if paying by deposit account)

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.

George A. Loud Signature George A. Loud
Name of Person Signing

Date: 19 FEB 1999

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, PATENT
Washington, D.C. 20231
REEL: 9792 FRAME: 0433

ASSIGNMENT

WHEREAS, we, Kenji WATANABE, Takuya SUNETANI, Kiyoshi OGAWA, and Miwa KANDA of, respectively, 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo Japan, 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo Japan, 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo Japan, 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo Japan, have invented certain improvements in CHARACTER DISPLAY APPARATUS AND CHARACTER INPUT APPARATUS set forth in an application for Patent of the United States; and

WHEREAS, KING JIM CO., LTD. and SEIKO EPSON CORPORATION, of respectively, 10-18, Higashi-Kanda 2-chome, Chiyoda-ku, Tokyo Japan, 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo Japan are desirous of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Kenji WATANABE, Takuya SUNETANI, Kiyoshi OGAWA, and Miwa KANDA, by these presents do sell, assign and transfer unto each of said KING JIM CO., LTD. and SEIKO EPSON CORPORATION, their successors, legal representatives, heirs and assigns, right, title and interest in said application executed on ~~the~~ ^{even date herewith} ~~day of~~ _____, 1999, (and I hereby authorize my attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known: Serial No. ___/_____, filed _____)

PATENT
REEL: 9792 FRAME: 0434

to all Patents in the United States which may be granted on said application, to all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Patent, all applications for Patent and all Patent therefor, to be held and enjoyed by KING JIM CO., LTD. and SEIKO EPSON CORPORATION, for their use and behoof and for their legal representatives, successors, heirs, and assigns, to the full end of the term for which said Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by me had this assignment and sale not been made; and for the same consideration, I hereby covenant and agree that, at the time of execution and delivery of this instrument, I hold good and full right and lawful authority to sell and convey the application for Patent above mentioned in the manner herein set forth; and for the same consideration I hereby covenant and agree that we will, whenever counsel of KING JIM CO., LTD. and SEIKO EPSON CORPORATION or the counsel of their successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Patent, or any proceeding in connection with Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent, or any reissue or extension of any Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Patent, without charge to me, my successors, legal representatives, heirs and assigns, but at the cost and expense of KING JIM CO., LTD. and SEIKO EPSON CORPORATION their

successors, legal representatives, heirs and assigns; and we hereby request the Commissioner of Patents to issue said Patent to myself and to, KING JIM CO., LTD. and SEIKO EPSON CORPORATION, as an assignee thereof.

<u>Kenji Watanabe</u>	<u>Jan. 19, 1999</u>
Kenji WATANABE	date
<u>Takuya Suetani</u>	<u>Jan. 18, 1999</u>
Takuya SUETANI	date
<u>Kiyoshi Ogawa</u>	<u>Jan. 14, 1999</u>
Kiyoshi OGAWA	date
<u>Miwa Kanda</u>	<u>Jan. 18, 1999</u>
Miwa KANDA	date