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Nobuhiro KAWATSUKI, Takeya SAKAI and Masao UETSUKI

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
HAYASHI TELEMPU CO., LTD
4-5, Kamimaezu 1-chome,
Naka-ku, Nagoya-shi
Aichi 460-0013 JAPAN

JCS11 U.S. PTO
09/484698
01/18/00

3. Nature of Conveyance:
 Assignment Merger
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 yes no

Execution Date: December 27, 1999

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: December 27, 1999
A. Patent Application No.(s)
09484698

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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PATENT
REEL: 010549 FRAME: 0919

ASSIGNMENT

Whereas, I/We,

~~Yoshi~~^{Nobuo}hiro KAWATSUKI of HYOGO, JAPAN and
Takeya SAKAI and Masao UETSUKI both of AICHI, JAPAN

hereinafter called assignor(s), have invented certain improvements in
ALIGNMENT LAYER AND A LIQUID CRYSTAL DISPLAY
USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on
December 27, 19 99 and

Whereas,
HAYASHI TELEMPU CO., LTD.
of 4-5, Kamimaezu 1-chome, Naka-ku,
Nagoya-shi, AICHI 460-0013 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and
to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority under
35 U.S.C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns; and I/we
will execute without further consideration all papers deemed necessary by the assignee in connection
with the United States application when called upon to do so by the assignee.

Date: December 27, 1999 s/ *Nobuo Kawatsuki*

Date: December 27, 1999 s/ *Takeya Sakai*

Date: December 27, 1999 s/ *Masao Uetsuki*

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)