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Tsunetoshi Sakano, Syouichi Hayasibara, Yasumasa Akatuka,
Masahiro Hirano, Tsuyoshi Okazaki, Toshihiro Matsumoto,
Nobuhiro Waka and Shogo Nishiwaki

Execution Date(s) 12/15/04, 12/20/04, 1/11/05 and 1/17/05

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

3. Nature of conveyance:

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- Other

2. Name and address of receiving party(ies)

Name: Nippon Kayaku Kabushiki Kaisha

Street Address: 11-2, Fujimi 1-chome

City: Chiyoda-ku

Country: Japan Zip: _____

AND

Name: Sharp Kabushiki Kaisha

Street Address: 22-22, Nagaike-cho

City: Osaka-shi

State: Osaka

Country: Japan Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/010,798

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Nields & Lemack

Internal Address: Suite 7

Street Address: 176 E. Main Street

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State: MA Zip: 01581

Phone Number: 508-898-1818

Fax Number: 508-898-2020

Email Address: NLDLaw@aol.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

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Authorized User Name Kevin S. Lemack

9. Signature:

Signature

April 29, 2005

Date

Kevin S. Lemack

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

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PATENT
REEL: 016507 FRAME: 0125

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by NIPPON KAYAKU KABUSHIKI KAISHA, and SHARP KABUSHIKI KAISHA, corporations organized under the laws of Japan, located at 11-2, Fujimi-1-chome, Chiyoda-ku, Tokyo, Japan, and 22-22, Nagaike-cho, Abeno - ku, Osaka-shi, Osaka, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said NIPPON KAYAKU KABUSHIKI KAISHA and SHARP KABUSHIKI KAISHA, their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

LIQUID CRYSTAL SEALANT, LIQUID CRYSTAL DISPLAY DEVICE USING
THE SAME AND METHOD FOR PRODUCING THE DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent
* therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said NIPPON KAYAKU KABUSHIKI KAISHA and SHARP KABUSHIKI KAISHA, their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said NIPPON KAYAKU KABUSHIKI KAISHA and SHARP KABUSHIKI KAISHA.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	WITNESSES (立会人サイン)
1) <u>Tsunetoshi Sakano</u> Tsunetoshi SAKANO	<u>15 / Dec / 2004</u>	<u>Masahiro Ito</u>
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*Now U.S. Serial No. 11/010,798 filed December 13, 2004