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ON FORE COVER SHEET 23 OCT 2003

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| 1. Name of conveying party: | 0.23.03 | 2. Name and address of receiving party(ies) | |
|--|--|--|--|
| Katsuya Ouchi Harumi Sa Manabu Tsumura Kazumori Michinori Tsukamoto | akamoto i Yokoyama | Name: Kaneka Corporation Internal Address: | |
| Additional name(s) of conveying parties attach | ed? □ Yes ⊗ No | Street Address: 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288, Japan | |
| 3. Nature of conveyance: Assignment □ Merger Security Agreement □ Change of Name Other: □ Execution date: July 24, 2003. | | l Additional name(s) & address(es) attached? □ Yes ⊠ No | |
| 4. Application numbers or patent numbers: If this document is being filed together with a new application, the execution date of the application is: | | | |
| A. Patent Applications Serial No. 10/433,981 | | B. Patent No.(s) | |
| 43021 40.00 bs Additional Numbers attached? □ Yes ☑ No | | | |
| 5. Name and address of party to whom correspondencement should be mailed: | | 6. Total number of applications and patents involved: 1 | |
| Name: Cassandra T. Swain, Ph.D. Internal Address: KENYON & KENYON | | 7. Total fee (37 C.F.R. 3.41)\$ 40.00 □ Enclosed ■ Authorized to be charged to deposit account | |
| Street Address: 1500 K Street, N.W Suite 700 City: Washington, D.C. ZIP: 20005-1257 | | 8. Deposit account number: 11-0600 | |
| 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 attached copy is a true copy of the original document. | | | |
| Cassandra T. Swain, Ph.D., Reg. 48,361 Name of Person Signing October 23, 2003 Date Total Number of pages including cover sheet, attachments and document: 5 | | | |
| OMB No. 0651-0011 (exp. 4/94) | | | |
| reviewing the document and gathering the data needed a | ion Services stimated to average about 3 and completing and reviewir e, Office of information Sys | 0 minutes per document to be recorded, including time for ng the sample cover sheet. Send comments regarding this stems, PK2-1000C, Washington, D.C. 20231, and to the Office of D.C. 20503 | |

R462.US1/I.SX-2 KU437US

ASSIGNMENT

WHEREAS, we, Katsuya Ouchi, Manabu Tsumura, Michinori Tsukamoto, Harumi Sakamoto and Kazunori Yokoyama, citizens of Japan, residing at 5-35-505, Torikainishi 5-chome, Settsu-shi, Osaka 566-0072 Japan; A101, Kozenryo, 2-23, Torikainishi 5-chome, Settsu-shi, Osaka 566-0072 Japan; 15-25 Naracho, Ibaraki-shi, Osaka 567-0874 Japan; 401, Sanikoto, 8-28, Torikaiwado 1-chome, Settsu-shi, Osaka 566-0073 Japan and 5-35-506, Torikainishi 5-chome, Settsu-shi, Osaka 566-0072 Japan (hereinafter referred to as "the Assignor"); have made new and useful improvements in an invention entitled CURING AGENT, CURABLE COMPOSITIONS, COMPOSITIONS FOR OPTICAL MATERIALS, OPTICAL MATERIALS, THEIR PRODUCTION, AND LIQUID CRYSTAL DISPLAYS AND LED'S MADE BY USING THE MATERIALS, for which we are about to make application for Letters Patent in the United States, said application having been executed on even date hereof; and

WHEREAS, KANEKA CORPORATION, a corporation organized and existing under and by virtue of the laws of Japan, having its principle place of business at 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288, Japan, who, together with its successors and assigns, (hereinafter called "Assignee,") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the Entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications.

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- 2. Authorize and request the Assistant Commissioner for Patents of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.
- 4. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments. disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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PATENT REEL: 014690 FRAME: 0436

| seal this | IN TESTIMONY WHERE day ofUL. 24 | OF, I have hereunto set my hand and, 2003. |
|-----------|---------------------------------|---|
| | | Katsuya Ouchi |
| seal this | IN TESTIMONY WHEREO | |
| | | Manabu Tsumura Manabu Tsumura |
| seal this | day ofJUL. 24. | DF, I have hereunto set my hand and _, 2003. |
| | | Michinori Tsukamoto Michinori Tsukamoto |
| seal this | IN TESTIMONY WHEREC | DF, I have hereunto set my hand and _, 2003. |
| | | Harumi Sakamoto Harumi Sakamoto |

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IN TESTIMONY WHEREOF, I have hereunto set my hand and

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RECORDED: 10/23/2003