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Docket No.: 15113

FORM PTO-1595 (Modified)
(Rev. 03-01)
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P08A/REV03

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhiko Hayashi, Ichiro Fujieda, Atsushi Oda and Setsuo Kaneko

11/23/01

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: NEC Corporation

Address: 7-1, Shiba 5-chome

10997 U.S. PTO
09/991600
11/23/01

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: Minato-ku State/Prov.: Tokyo

Country: Japan ZIP:

Execution Date: November 20, 2001

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

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: November 20, 2001

Patent Application No. Filing date

B. Patent No.(s)

Additional numbers Yes No

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

Name: Edward W. Grolz

Registration No. 33,705

Address: Scully, Scott, Murphy & Presser

400 Garden City Plaza

12/04/2001 6TON11 00000095 191013 09991600

01 FC:581 40.00 CH

City: Garden City State/Prov.: NY

Country: USA ZIP: 11530

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

19-1013/SSMP

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

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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.

Edward W. Grolz

November 23, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

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

PATENT

REEL: 012330 FRAME: 0173

Assignment

2000-35/034
(天野 pat. A324)
US

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Kazuhiko HAYASHI, Ichiro FUJIEDA, Atsushi ODA and Setsuo KANEKO

Hereby sell, assign and transfer to NEC Corporation
a corporation

of Japan having a place of business at

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on even date and is entitled:

LIGHTING DEVICE, LIQUID CRYSTAL DISPLAY DEVICE INCLUDING THE SAME, AND METHOD OF FABRICATING THE SAME

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any

2000-351057
(天野 pat A324)
US

and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: November 20, 2001
Witness: Fumitake Watanabe
Atsushi Oda
Kazuhiko HAYASHI (林) (L.S.)

Date: November 20, 2001
Witness: Fumitake Watanabe
Atsushi Oda
Ichiro FUJIEDA (藤枝) (L.S.)

Date: November 20, 2001
Witness: Fumitake Watanabe
Atsushi Oda
Atsushi ODA (小田) (L.S.)

Date: November 20, 2001
Witness: Fumitake Watanabe
Atsushi Oda
Setsuo KANEKO (金子) (L.S.)