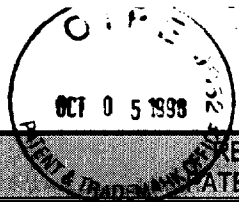


10-5-98
BOX ASSIGNMENTS



10-20-1998



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100852918

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- | | |
|--------------------|-------------------|
| 1. Shuhei TANAKA | 2. Tadashi KOYAMA |
| 3. Keiji TSUNETOMO | 4. |
| 5. | 6. |
| 7. | 8. |

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: NIPPON SHEET GLASS CO., LTD.

ADDRESS: 5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka, JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

- ASSIGNMENT OF WHOLE PART INTEREST
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: August 20, 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) August 20, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

| A. PAT. APP. NO.(S) series code/serial no | M# | 1* INVENTOR if not in Item 1 | B. PATENT NO.(S) | M# | 1* INVENTOR if not in Item 1 |
|---|--------|---------------------------------|------------------|----|---------------------------------|
| 09/120,193 | 255124 | | | | |

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

10/17/98 BUCKETT 00000011 09120193

04 TC:581

| | | | |
|------------|-------------|------------|------------|
| PMS 255124 | 97P132-US | 81492 | 255124 |
| MATTER NO. | CLIENT REF. | CLIENT NO. | MATTER NO. |

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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/rgf

TEL: (202) 861-3527

Date: October 5, 1998

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
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Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
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Atty. Dkt. 255124 | 97P132-US
M# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

| | | |
|-------------------------------------|---------------------|---|
| INSERT NAME(S) OF INVENTOR(S) | (1) Shuhei Tanaka | (4) |
| | (2) Tadashi Koyama | (5) |
| | (3) Keiji Tsunetomo | <input type="checkbox"/> x box if continued on page 2 |

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Nippon Sheet Glass Co., Ltd.
5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

Water Drop Detector on Transparent Substrate and Initiating Method
and Output Stabilizing Method Therefor
for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE →→
(Complete
line A, B and/or C)

(A) even date herewith
(B) on _____
(C) in U.S. Appln. No. 09/ 120,193 filed July 22, 1998

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE →→ The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| | INVENTOR(S) | DATE SIGNED | WITNESSES |
|-------|------------------------|------------------|---------------------|
| 1) | <u>Shuhei Tanaka</u> | <u>20/8/1998</u> | <u>Yuu Koyama</u> |
| Name: | Shuhei Tanaka | | |
| 2) | <u>Tadashi Koyama</u> | <u>20/8/1998</u> | <u>Izumi Harada</u> |
| Name: | Tadashi Koyama | | |
| 3) | <u>Keiji Tsunetomo</u> | <u>20/8/1998</u> | <u>Natsuko Kato</u> |
| Name: | Keiji Tsunetomo | | |
| 4) | _____ | _____ | _____ |
| Name: | | | |
| 5) | _____ | _____ | _____ |
| Name: | | | |

IF ADDITIONAL INVENTORS, check box and continue on page 2.