

BOX ASSIGNMENTS

MRD  
1/14/00

02-03-2000

FOR TRADEMARKS

RECORDATION FC  
PATENT APPLICATIO



TO THE ASSISTANT COMMISSIONER OF PATENTS AND TR  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT...

101257311

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

- 1. Tooru YAMAOKA
- 2. Atsushi KOMURA
- 3. Takeshi YAMAUCHI
- 4. Yoshihiko ISOBE
- 5. Hiroyuki YAMANE
- 6.
- 7.
- 8.

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

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

NAME: NIPPONDENSO CO., LTD.

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448 JAPAN

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

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF
- WHOLE
- PART INTEREST
- ORIGINAL
- FACSIMILE/PHOTOCOPY
- CHANGE OF NAME
- VERIFIED TRANSLATION
- SECURITY
- MERGER
- OTHER:

EXEC. DATE: April 24, 1995

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 24, 1995

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

| A. PAT. APP. NO.(S)<br>series code/serial no | M# | 1 <sup>st</sup> INVENTOR<br>if not in item 1 | B. PATENT NO(S) | M# | 1 <sup>st</sup> INVENTOR<br>if not in item 1 |
|--|----|--|-----------------|----|--|
|--|----|--|-----------------|----|--|

|                                      |        |  |  |  |  |
|--------------------------------------|--------|--|--|--|--|
| Divisional of Ser. No.<br>08/802,214 | 265500 |  |  |  |  |
|--------------------------------------|--------|--|--|--|--|

02/02/2000  
02/02/2000  
Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**  
1100 New York Avenue, NW  
Ninth Floor  
Washington, DC 20005-3918

5.5 ATTY DKT:

|            |                |   |            |
|------------|----------------|---|------------|
| PMS 265500 | 40447-USCD2-MK | 6. NUMBER INVOLVED:<br>APPLNS 1 + PATS 0 = TOTAL  | 1          |
| MATTER NO. | CLIENT REF.    | 7. AMOUNT OF FEE ENCLOSED: (Code 581)<br>ABOVE TOTAL x \$40 = \$40                                  |            |
|            |                | 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE<br>INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 |            |
|            |                | UNDER ORDER NO  | 30954      |
|            |                | dup. sheet not required   | CLIENT NO. |
|            |                |   | MATTER NO. |
|            |                |   | 265500     |

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.

*G. Lloyd Knight*  
Signature

Attorney: G. Lloyd Knight

Reg. No. 17698

Atty/Sec: GLK/rfg

TEL: (202) 861-3090

Date: January 14, 2000

FAX: (202) 822-0944

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

3

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PAT-114X 11-1999

PATENT  
REEL: 010516 FRAME: 0072

Please return signed/recorded to:  
Cushman Darby & Cushman, L.L.P.  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

For Inventions made outside USA  
executed with or after application  
Atty. Dkt. \_\_\_\_\_ / \_\_\_\_\_  
M# \_\_\_\_\_ / Client Ref. \_\_\_\_\_

40445

USA Patent Appln.  
Sole or Joint

**ASSIGNMENT**

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

- |                             |                                  |
|-----------------------------|----------------------------------|
| (1) <u>Tooru YAMAOKA</u>    | (4) <u>Yoshihiko ISOBE</u>       |
| (2) <u>Atsushi KOMURA</u>   | (5) <u>Hiroyuki YAMANE</u>       |
| (3) <u>Takeshi YAMAUCHI</u> | [ ] x box if continued on page 2 |

Insert Name(s)  
of inventors

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:

NIPPONDENSO CO., LTD.  
1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448 JAPAN

Insert Name(s)  
of Assignee(s)  
and Address(es)

(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

ELECTRODE FOR SEMICONDUCTOR DEVICE AND  
METHOD FOR MANUFACTURING SAME

Title of  
Invention

- for which the undersigned executed an application for Letters Patent of the United States of America [x] even date herewith
- (A) [ ] on \_\_\_\_\_
- (B) [ ] on \_\_\_\_\_
- (C) in U.S. Appln No. 08 /431,044 filed April 28, 1995

NOTE: ->->  
(Complete line  
A, B and/or C)

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 attorneys of record in said application shall hereafter 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) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| <u>INVENTOR(S)</u>                               | <u>DATE SIGNED</u>    | <u>WITNESS(ES)</u>      |
|--|-----------------------|-------------------------|
| 1) <u>Tooru Yamaoka</u><br>Name: Tooru YAMAOKA   | <u>April 24, 1995</u> | <u>Mitsutaka Katada</u> |
| 2) <u>Atsushi Komura</u><br>Name: Atsushi KOMURA | <u>April 24, 1995</u> | <u>Mitsutaka Katada</u> |

IF ADDITIONAL INVENTORS, check box [ x] and continue on page 2

Assignment

(Continued from page 1)

Listing of additional inventors

(6) \_\_\_\_\_  
(7) \_\_\_\_\_  
(8) \_\_\_\_\_  
(9) \_\_\_\_\_  
(10) \_\_\_\_\_

(11) \_\_\_\_\_  
(12) \_\_\_\_\_  
(13) \_\_\_\_\_  
(14) \_\_\_\_\_  
(15) \_\_\_\_\_

Signatures of additional inventors/witnesses/dates signed

| <u>INVENTOR(S)</u>                                  | <u>DATE SIGNED</u>     | <u>WITNESS(ES)</u>      |
|---|------------------------|-------------------------|
| 3) <u>Takeshi Yamachi</u><br>Name: Takeshi YAMAUCHI | <u>April 24, 1995.</u> | <u>Mitsutaka Katada</u> |
| 4) <u>Yoshihiko Isoke</u><br>Name: Yoshihiko ISOBE  | <u>April 24 1995</u>   | <u>Mitsutaka Katada</u> |
| 5) <u>Hiroyuki Yamane</u><br>Name: Hiroyuki YAMANE  | <u>April 24, 1995</u>  | <u>Mitsutaka Katada</u> |
| 6) _____<br>Name: _____                             | _____                  | _____                   |
| 7) _____<br>Name: _____                             | _____                  | _____                   |
| 8) _____<br>Name: _____                             | _____                  | _____                   |
| 9) _____<br>Name: _____                             | _____                  | _____                   |
| 10) _____<br>Name: _____                            | _____                  | _____                   |
| 11) _____<br>Name: _____                            | _____                  | _____                   |