

## BOX ASSIGNMENTS

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TO THE ASSISTANT COMMISSIONER (SIR: PLEASE RECORD THE ATTACHED

11-12-1998



Y

(EOF.

100823788

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. FUKUMOTO, Harutsugu

3. TSURUTA, Kazuhiro

5.

7.

2. TANAKA, Hiroaki

4.

6.

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

EXEC. DATE: June 27, 1995

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☒ OTHER: CORRECTION to correct assignor's

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) July 27, 1995 name and assignee's address,

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

A. PAT. APP. NO.(S)

M#

1\* INVENTOR

B. PATENT NO(S)

M#

1\* INVENTOR

series code/serial  
no

if not in item 1

if not in item 1

03/499,472

219184

FUKUMOTO

Previously recorded at Reel 9193,

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

6. NUMBER INVOLVED:

APPLNS 1 + PATS = TOTAL

Frame 0788.

1

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

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$.00 Previously Paid 7/7/95

5.5 ATTY DKT:

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE

INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

PMS 219184

40528-US

UNDER ORDER NO

30954

219184

MATTER NO.

CLIENT REF.

dup. sheet not required

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.

09/15/1998 JMWKINS 00000121 08499472

01:FC:581

40.00-00

Signature

10. Total number of pages including this  
cover sheet, attachments and document  
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1

Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/bg

TEL: (202) 861-3527

Date: September 11, 1998

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

REEL: 9387 FRAME: 0339

PAT-114X 3/98

07-30-1998

## BOX ASSIGNMENTS

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TO THE ASSISTANT COMMISSIONER

100747830

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. FUKUMOTO, Marutsugh

3. TSURUTA, Kazuhiro

5.

7.

2. TANAKA, Hiroaki

4.

6.

8.

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

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NAME: NIPPONDENSO CO., LTD.

ADDRESS: Kariya-City, Aichi-Pref. 448, Japan

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☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) July 27, 1995

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 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO.(S) M#	1 <sup>st</sup> INVENTOR if not in item 1
08/499,472	219184	FUKUMOTO		

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 \_\_\_\_ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED. (Code 581)

ABOVE TOTAL x \$40 = \$.00 Previously Paid 7/7/95

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INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

5.5 ATTY DKT:

PMS 219184

40528-US

UNDER ORDER NO

30954

219184

MATTER NO.

CLIENT REF.

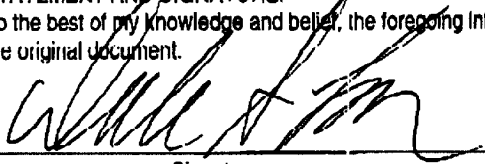
dup. sheet not required

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)

1

Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/blq

TEL: (202) 861-3527

Date: 7/29/98

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PAT-114X 3/98

TOTAL P.02

PATENT  
REEL: 9387 FRAME: 0340

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. \_\_\_\_\_

40528-05

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:

Insert Name(s)  
of inventors

(1) Harutsugu FUKUMOTO (4) \_\_\_\_\_  
(2) Hiroaki TANAKA (5) \_\_\_\_\_  
(3) Kazuhiro TSURUTA [ ] x box if continued on page 2

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

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

(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

SEMICONDUCTOR DEVICE

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

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

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.

INVENTOR(S)	DATE SIGNED	WITNESS(ES)
1) <u>Harutsugu Fukumoto</u> Name: Harutsugu FUKUMOTO	<u>June 27, 1995</u>	<u>Jadao Oooka</u>
2) <u>Hiroaki Tanaka</u> Name: Hiroaki TANAKA	<u>June 27, 1995</u>	<u>Jadao Oooka</u>

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

Assignment

(Continued from page 1)

Listing of additional inventors

(6) _____	(11) _____
(7) _____	(12) _____
(8) _____	(13) _____
(9) _____	(14) _____
(10) _____	(15) _____

Signatures of additional inventors/witnesses/dates signed

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESS(ES)</u>
3) <u>Kazuhiro Tsuruta</u> Name: Kazuhiro TSURUTA	<u>June 27, 1995</u>	<u>Jadao Oooka</u>
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____
6) _____ Name: _____	_____	_____
7) _____ Name: _____	_____	_____
8) _____ Name: _____	_____	_____
9) _____ Name: _____	_____	_____
10) _____ Name: _____	_____	_____
11) _____ Name: _____	_____	_____