

8-1099

BOX ASSIGNMENTS

08-16-1999

OR TRADEMARKS

RECORDATION FOR PATENT APPLICATION



101117249

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT

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

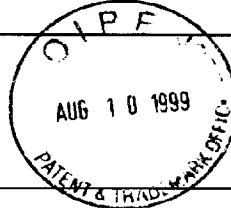
- 1. Shoji MIURA
- 3. Tetsuaki KAMIYA
- 5.
- 7.
- 2. Satoshi SHIRAKI
- 4. Makio IIDA
- 6.
- 8.

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

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

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 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
- CHANGE OF NAME ACCURATE TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: 1 & 2) May 10, 1999; 3) May 12, 1999; 4) June 9, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1 & 2) May 10, 1999; 3) May 12, 1999; 4) June 9, 1999

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
09/315,132	260582				

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 = \$40

5.5 ATTY DKT:

PMS 260582	45508-USP-AY/nh
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
UNDER ORDER NO	30954	260582
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.

Dale S. Lazar
Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	2
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Attorney: Dale S. Lazar
Reg. No. 28872
Att/Sec: DSL/blg

Date: August 10, 1999
FAX: (202) 822-0944

TEL: (202) 861-3527

FILE WITH PTO RETURN RECEIPT (PAT-103A)

08/12/1999 TLWU11 00000002 09315132

01 FC:581

40.00 DP

Please return signed/recorded to:

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USA Patent Appln.
Sole or Joint

Atty. Dkt.

260582

For Inventions made outside USA
executed with or after application

45508-USP-AY/nh

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) Shoji Miura	(4) Makio Iida
	(2) Satoshi Shiraki	(5)
	(3) Tetsuaki Kamiya	[] 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)

DENSO CORPORATION
1-1 Showa-cho Kariya-city Aichi-pref. 448-8661 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 WITH THIN FILM ELEMENT AND METHOD FOR
MANUFACTURING THE SAME

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. _____ / _____ 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 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.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Shoji Miura</u>	<u>May 10, 1999</u>	<u>Mikimasa Suzuki</u>
Name:	Shoji Miura		
2)	<u>Satoshi Shiraki</u>	<u>May 10, 1999</u>	<u>Mikimasa Suzuki</u>
Name:	Satoshi Shiraki		
3)	<u>Tetsuaki Kamiya</u>	<u>May 12, 1999</u>	<u>Goshin Ohashi</u>
Name:	Tetsuaki Kamiya		
4)	<u>Makio Iida</u>	<u>June 9, 1999</u>	<u>Tomohisa Yamamoto</u>
Name:	Makio Iida		
5)			
Name:			

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