

MRD 7-12-99

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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. Yoshimi NAKASE
3. Yukinori MIGITAKA
5.
7.
2. Takanori TESHIMA
4.
6.
8.

RECEIVED
JUL 27 1999
PTO

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) June 30, 1999;
3) July 5, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) & 2) June 30, 1999; 3) July 5, 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 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	262354		09/351458		

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:
6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 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 = \$40

5.5 ATTY DKT:

PMS 262354	53157-US-MK	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
MATTER NO.	CLIENT REF.	UNDER ORDER NO 30954 262354
		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) 2

Attorney: G. Lloyd Knight
Reg. No. 17698
Date: July 12, 1999
FAX: (202) 822-0944
Sec: GLK/rgf TEL: (202) 861-3090

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:

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USA Patent Appln.
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For inventions made outside USA
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M# Client Ref.

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

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) Yoshimi Nakase	(4)
	(2) Takanori Teshima	(5)
	(3) Yukinori Migitaka	[] 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 APPARATUS WITH HEAT RADIATION STRUCTURE FOR REMOVING HEAT FROM SEMICONDUCTOR ELEMENT

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.

N.Y. Jun 30, 1999

	INVENTOR(S)	DATE SIGNED	WITNESSES
1)	Yoshimi Nakase Yoshimi Nakase	Jun 30, 1999	Kuniaki Mamitsu
2)	Takanori Teshima	Jun 30, 1999	Kuniaki Mamitsu
3)	Yukinori Migitaka	July 5, 1999	Kazumi Nonoyama
4)	_____	_____	_____
5)	_____	_____	_____

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