MRD 7-12-	· · · · · · · · · · · · · · · · · · ·	7-26-1999	)		DO NOT USE I	FOR TRADEMARKS
BOX ASSIGNMENTS				HEET		OR TRADEMARKS
:			1	3 ONLY		
TO THE ASSISTANT COMMISSIOI 101100449 DEMIAHKS:						
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.						
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. Yoshimi NAKASE 2. Takanori TESHIMA						
3. Yukinori MIGITAKA					1	
5. Takinon wilan 7 ii v i	6					34
7. 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						
ADDITESS. 1-1, SITUWA-CITO, NATIYA-CITO, ADDITEDITA, 470-0001 ONI NIK						
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 <b>EXEC. DATE:</b> 1) & 2) June 30, 1999;						
Z/toolartiller of Zittrozz					5, 1999	.0, 1000,
SECURITY MERGER OTHER:						
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)	M#	1st INVENTOR	B. PATENT	NO(S)	M#	1st INVENTOR
series code/serial		if not in item 1	ma12<	114¢	58	if not in item 1
no		- 1 B- - 2	0113			
NEW APPLICATION 262354						
5. Name & Address of	6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1					
Concerning Docume						
Pillsbury Madison & S	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40					
Intellectual Property Group  ABOVE TOTAL x \$40 = \$40  1100 NEW YORK AVENUE, N.W.						
NINTH FLOOR, EAST						
WASHINGTON, D.C. 2						
5.5ATTY DKT:					MISSING OR INADEQU	
			INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO 30954 262354			
PMS 262354 MATTER NO.		IENT REF.	dup. sheet not		CLIENT NO.	MATTER NO.
WATTER NO.		ILIVI IILI.	1		1 02,201, 110.	
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.						
					pages <u>including</u> this	
MA					ents and document	2
	(do not file d	up. Cove	er sneet)			

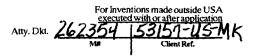
Date: July 12, 1999 FAX: (202) 822-0944 44-22: (202) 861-3090 FILE WITH PTO RETURN RECEIPT (PAT-103A)

Signature

Attorney: G. Lloyd Knight 22/1999 No. 17698 FM505ec: GLK/rgf

Please return signed/recorded to: Pillsbury Madison & Sutro LLP Intellectual Property Group Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

## USA Patent Appln. Sole or Joint



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: (4)Yoshimi Nakase INSERT NAME(S) OF INVENTOR(S) (2)Takanori Teshima (5) 1x box if continued on page 2 (3) <u>Yukinori Miqitaka</u> 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 SEMICONDUCTOR APPARATUS WITH HEAT RADIATION STRUCTURE FOR REMOVING HEAT TITLE OF INVENTION 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) even date herewith (A) (B) filed (C) in U.S. Appln. No. 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 legals 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. Nakase **DATE SIGNED** WITNESSES 1) Name: 2) Name: 3) Yukinori Migitak Name: 4) Name 5) Name:

and continue on page 2.

PATENT REEL: 010109 FRAME: 0527

IF ADDITIONAL INVENTORS, check box