

10-30-2000



9.8.00

FORM PTO-1596
1-31-92

R

101498590

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 49677-069

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Parties:

Yoshihiro TOMITA, Hironori MATSUSHIMA and Hirofumi
MAKIMOTOAdditional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: August 18, 2000

2. Name and address of receiving parties:

Names: 1. Mitsubishi Denki Kabushiki Kaisha at 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310
Japan2. Mitsubishi Electric Kumamoto Semiconductor
Corporation at 272-10, Aza Heisei, Ohaza Takaono,
Ohzu-machi, Kikuchi-gun, Kumamoto 869-1200 JapanAdditional name(s) & address(es) attached? ☐ Yes

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: August 18, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

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.*

10/30/2000 MTHAI1 00000046 500417 09658040

01 FC:581 Stephen A. Becker, 26,527

September 8, 2000

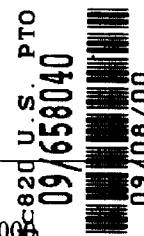
Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)



09658040

PATENT
REEL: 011178 FRAME: 0403

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Yoshihiro TOMITA
 (2) Hironori MATSUSHIMA
 (3) Hirofumi MAKIMOTO

(4) _____
 (5) _____
 (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

(1) MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
 (2) MITSUBISHI ELECTRIC KUMAMOTO SEMICONDUCTOR CORPORATION
272-10, Aza Heisei, Ohaza Takaono, Ohzu-machi, Kikuchi-gun, KUMAMOTO 869-1200 JAPAN

its successors and assigns (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 entitled

RADIATING PLATE STRUCTURE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES
USING THE SAME STRUCTURE

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on August 18, 2000,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

1) Yoshihiro Tomita
 Name: Yoshihiro TOMITA
 2) Hironori Matsushima
 Name: Hironori MATSUSHIMA
 3) Hirofumi Makimoto
 Name: Hirofumi MAKIMOTO
 4) _____
 Name: _____
 5) _____
 Name: _____
 6) _____
 Name: _____

DATE SIGNED

August 18, 2000

August 18, 2000

August 18, 2000

PATENT

RECORDED: 09/08/2000

REEL: 011178 FRAME: 0404