

06-11-1998

EET

MRD 5-24-98



To the Honorable
Please record this

100735153

and Trademarks:
or copy thereof.

1. Name of conveying party(ies):
Kensaku Motoki, Masato Matsushima, Katsushi Akita, Mitsuru Shimazu, Kikuro Takamoto, Hisashi Seki and Akinori Kouki
Additional name(s) of conveying parties attached? - Yes

2. Name and address of receiving party(ies):

Name: Sumitomo Electric Industries, Ltd.

Address: 5-33, Kitahama 4-chome, Chuo-ku

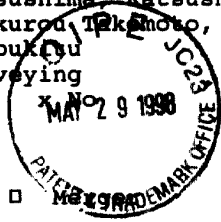
Osaka-shi, Osaka 541, Japan

3. Nature of conveyance:

- Assignment
- Security Agreement Change of Name
- Other _____

Execution Date(s): 4/24/98

Additional name(s) & address(es) attached?
 yes no



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

If this document is being filed together with a new application, the execution date of the application is: (Date) _____

A. Patent Application No.(s)
09/041,109

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Beveridge, DeGrandi, Weilacher & Young
1850 M Street, N.W.
Suite 800
Washington, DC 20036

Attorney Docket No. 06-54589

6. Total number of applications and patents involved (number) 1

7. Total fee (37 CFR 3.41):.....\$ 40

- Enclosed
- Charge to deposit account
- Other _____

8. Deposit account number: 02-4300

(Attached duplicate copy of this page if paying by deposit account)

06/05/1998 MP/EP/LES 00000027 09041109
04 FC:581

40.00 EP

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.

Robert G. Weilacher

Name of Person Signing

[Signature]
Signature

May 29 1998
Date

Reg. No. 20531 Total no. of pages (including cover sheet, attachments & documents): 3

ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (Invention Title) "EPITAXIAL WAFER HAVING A GALLIUM NITRIDE EPITAXIAL LAYER DEPOSITED ON SEMICONDUCTOR SUBSTRATE AND METHOD FOR PREPARING THE SAME"

The PATENT RIGHTS referred to in this agreement are:

- (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
 U.S. patent application Serial No. _____, filed _____
 U.S. patent No. _____, issued _____

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) U.S. patent rights only.
 worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first inventor) Kensaku MOTOKI

(Address) c/o Itami Works of Sumitomo Electric Industries, Ltd.
1-1, Koyakita 1-chome, Itami-shi, Hyogo, JAPAN

(Full name of second joint inventor, if any) Masato MATSUSHIMA

(Address) Same as the above.

(Full name of third joint inventor, if any) Katsushi AKITA

(Address) Same as the above.

The ASSIGNEE referred to in this agreement is

(Name of Assignee) SUMITOMO ELECTRIC INDUSTRIES, LTD.

(Address of assignee) 5-33, Kitahama 4-chome, Chuo-ku, Osaka, JAPAN

The ASSIGNEE is:

- (check one) An Individual
 A Partnership
 A Corporation of JAPAN
(state or country)

The ASSIGNOR(S), in consideration of \$100 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

Kensaku Motoki _____ April 24, 1998
(Signature of sole or first inventor) (Date)

Masato Matsushima _____ April 24, 1998
(Signature of second inventor, if any) (Date)

Katsushi AKITA _____ April 24, 1998
(Signature of third inventor, if any) (Date)

PATENT

REEL: 9224 FRAME: 0486

CONTINUATION SHEET for ASSIGNMENT DEED

(FOR LISTING ADDITIONAL INVENTOR-ASSIGNORS)

Invention Title: _____

4. Name: Mitsuru SHIMAZU

Postal Address: c/o Itami Works of Sumitomo Electric Industries, Ltd.

1-1, Koyakita 1-chome, Itami-shi, Hyogo, JAPAN

Signature: *Mitsuru Shimazu* Date: April 24, 1998

5. Name: Kikurou TAKEMOTO

Postal Address: Same as the above.

Signature: *Kikurou Takemoto* Date: April 24, 1998

6. Name: Hisashi SEKI

Postal Address: 3-21-12, Nanyodai, Hachioji-shi, Tokyo, JAPAN

Signature: *Hisashi Seki* Date: April 24, 1998

7. Name: Akinori KOUKITU

Postal Address: 2-41-13, Saiwaicho, Fuchu-shi, Tokyo, JAPAN

Signature: *Akinori Koukita* Date: April 24, 1998

8. Name: _____

Postal Address: _____

Signature: _____ Date: _____

9. Name: _____

Postal Address: _____

Signature: _____ Date: _____