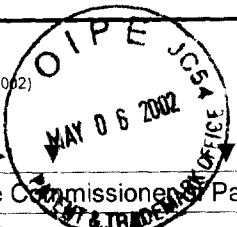


FOR: PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV03



05-15-2002



102090846

Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Richard A. Blanchard**  
**Fwu-Iuan Hshieh**

5.6.02

Additional names(s) of conveying party(ies)  Yes  No

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

Name: **General Semiconductor, Inc.**

Internal Address: \_\_\_\_\_

Street Address: **10 Melville Park Road**

City: **Melville** State: **NY** ZIP: **11747**

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: **4/4/02 Blanchard, 4/12/02 Hshieh**

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
**10/039,284** Filed **12/31/01**

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **Stuart H. Mayer**

Internal Address: **Mayer Fortkort & Williams, PC**

Street Address: **251 North Avenue West, 2nd Floor**

**05/14/2002 T01AZ1 00000227 501047 10039284**

**01 FC:581 40.00 CH**

City: **Westfield** State: **NJ** ZIP: **07090**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:  
**50-1047**

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

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.*

**Karin L. Williams** Reg. No. **36,721** *Karin L. Williams* **4/25/02**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **5**

ASSIGNMENT FOR UNITED STATES PATENT APPLICATION  
(SOLE OR JOINT)

Docket: GS 174

WHEREAS, Richard A. Blanchard, a United States citizen, residing at 10724 Mora Drive, Los Altos, California 92024, and Fwu-Iuan Hshieh, a United States citizen, residing at 20768 Sevilla Lane, Saratoga, CA 95070 (hereinafter collectively and severally referred to as assignor) has invented a certain invention entitled:

HIGH VOLTAGE POWER MOSFET HAVING A VOLTAGE SUSTAINING REGION THAT INCLUDES DOPED COLUMNS FORMED BY TRENCH ETCHING USING AN ETCHANT GAS THAT IS ALSO A DOPING SOURCE

which application for Letters Patent of the United States was filed with the United States Patent and Trademark Office on December 31, 2001, and accorded serial number 10/039,284, and is identified by General Semiconductor, Inc. File Number GS 174, and

WHEREAS, General Semiconductor, Inc., a Delaware corporation, having an office at 10 Melville Park Road, Melville, New York 11747-3113 (hereinafter referred to as "assignee", which term includes the successors and assigns of assignee), is desirous of acquiring the entire right, title and interest, in and to said invention and in and to said letters patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW THEREFORE, be it known that in consideration of the payment by assignee to each assignor of the sum of ten dollars (\$10.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, assignors, collectively and severally, hereby sell, assign and transfer to assignee their full and complete right, title, and interest in and to said invention and said patent application (including the rights of priority thereto) in the United States, its possessions, and in all foreign countries, and to all Letters Patent or similar legal protection in the United States, its possessions, and any and all foreign countries to be obtained on said invention or issuing from said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, sale, and transfer.

ASSIGNOR further covenants that assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, application, and Letters Patent and legal equivalents thereto in such foreign countries as may be known to and within the control of assignors and assignors will in good faith testify as to the same in any interference, proceeding, or litigation related thereto and will promptly execute and deliver to assignee or its legal representative any and all papers, instruments, affidavits, or the like required or useful to apply for, obtain, maintain, issue and enforce said application or Letters Patent or equivalent thereof in any aforesaid country of the world which may be necessary or desirable therefor.

IN WITNESS WHEREOF, I have hereunto set my signature representing my hand and seal on the respective date(s) indicated.

(1) Richard A. Blanchard Date April 4, 2002  
Richard A. Blanchard

(2) \_\_\_\_\_ Date \_\_\_\_\_  
Fwu-Iuan Hshieh

ASSIGNMENT FOR UNITED STATES PATENT APPLICATION  
(SOLE OR JOINT)

Docket: GS 174

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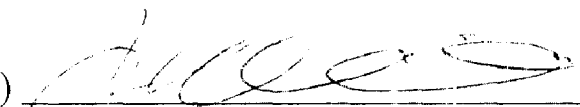
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IN WITNESS WHEREOF, I have hereunto set my signature representing my hand and seal on the respective date(s) indicated.

(1) \_\_\_\_\_  
Richard A. Blanchard

Date \_\_\_\_\_

(2)  \_\_\_\_\_  
Fwu-luan Hshieh

Date  \_\_\_\_\_