

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of the Assignee on the Assignment document executed originally on May 28, 2004; correction executed January 31, 2005 previously recorded on Reel 015411 Frame 0229. Assignor(s) hereby confirms the Assignment of Assignor's Interest.

CONVEYING PARTY DATA

Name	Execution Date
Richard A. Blanchard	05/28/2004

RECEIVING PARTY DATA

Name:	Third Dimension Semiconductor, Inc.
Street Address:	7855 South River Parkway, Suite 122
City:	Tempe
State/Country:	ARIZONA
Postal Code:	85284

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10857323

CORRESPONDENCE DATA

Fax Number: (215)965-1210
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 215.965.1268
 Email: jsimmons@akingump.com
 Correspondent Name: John D. Simmons [681438-16U1]
 Address Line 1: Akin Gump Strauss Hauer & Feld, LLP
 Address Line 2: 2005 Market Street, Suite 2200
 Address Line 4: Philadelphia, PENNSYLVANIA 19103-7013

ATTORNEY DOCKET NUMBER:	681438.0017/16U1
NAME OF SUBMITTER:	Victoria A. Jones

Total Attachments: 6

500084844

**PATENT
 REEL: 017299 FRAME: 0740**

CH \$40.00 10857323

source=681438-16U1#page1.tif
source=681438-16U1#page2.tif
source=681438-16U1#page3.tif
source=681438-16U1#page4.tif
source=681438-16U1#page5.tif
source=681438-16U1#page6.tif



681438-1641
RECEIVED
12-10-04

FF

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 02, 2004

PTAS



102760685A

RICHARD K. ROBINSON
12900 PRESTON ROAD
LB-41
DALLAS, TX 75230

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELCW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/28/2004

REEL/FRAME: 015411/0229
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BLANCHARD, RICHARD A.

DOC DATE: 05/28/2004

ASSIGNEE:

THIRD DIMENSION SEMICONDUCTOR,
INC.
7855 SOUTH RIVER PARKWAY, SUITE
122
TEMPE, ARIZONA 85284

SERIAL NUMBER: 10857323

FILING DATE: 05/28/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: TECHNIQUE FOR FORMING THE DEEP DOPED COLUMNS IN SUPERJUNCTION

015411/0229 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-08-2004



102760685

RECORDATION FORM COVERSHEET

22581 U.S. PTO
10/857323



052804

1. Name of Conveying party:

Richard A. Blanchard

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

**Third Dimension Semiconductor, Inc.
7855 South River Parkway, Suite 122
Tempe, AZ 85284**

3. Nature of conveyance:

Assignment

Date of Execution:

5-29-04

4. Patent application number:

Filed herewith

Attorney Docket number:

THR-0013

5. Document correspondence name and address:

**Richard K. Robinson
12900 Preston Road, LB-41
Dallas, TX 75230**

101857323

6. Number of applications:

1

Number of Pages:

3

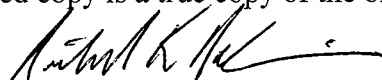
7. Total Fee Enclosed:

\$40.00

Check #:

8. The Commissioner is hereby authorized to charge any fee deficiency or credit any fee overpayment relating to the filing of the above-referenced Patent Application and all documents relating thereto to: Deposit Account No. 18-1680.

9. 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.


Richard K. Robinson, Attorney at Law

May 28, 2004

06/07/2004 GT0N11 00000075 181680 10857323

01 FC:8021 40.00 DA

ASSIGNMENT

WHEREAS, I, **Richard A. Blanchard**, a citizen of the United States of America and residing at the address stated below have made an invention entitled **A Technique for Forming the Deep Doped Columns in Superjunction**" (Attorney Docket No. THR-0013) for which I have executed an application for United States Letters Patent on the date next to my signature in the Declaration.

WHEREAS, I represent and warrant that I am the sole owner of said invention and application for Letters Patent;

Third RAB 1/31/05

WHEREAS, ~~Three~~ Dimension Semiconductor, Inc. (hereinafter referred to as ASSIGNEE), having a place of business at 7855 South River Parkway, Suite 122, Tempe, AZ 85284, is desirous of acquiring the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by me, I have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and worldwide rights therein; (b) said application, including all divisions, continuations and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said invention in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including the

Paris Convention for the Protection of Industrial Property for such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by me, had this assignment not been made.

I covenant and agree that I will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

I represent and covenant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent application has been or will be made or entered into which would conflict with this assignment and sale.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent based on said application and each division, continuation, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns.

I HEREBY declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on the date as indicated next to my name.

Full name of Assignor: Richard A. Blanchard
Residence: 10724 Mora Drive
Los Altos, California 94024
United States of America
Citizenship: United States of America
Post Office Address: Same as Above

Date: May 28, 2004 Richard A. Blanchard RAB
RICHARD A. BLANCHARD 1/31/05