

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3447929

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 027361 Frame 0345. Assignor(s) hereby confirms the ASSIGNEE NAME SHOULD BE "IO SEMICONDUCTOR INCORPORATED".
CONVEYING PARTY DATA	
Name	Execution Date
CHRIS BRINDLE	07/14/2015
MICHAEL A. STUBER	07/14/2015
STUART B. MOLIN	07/14/2015
RECEIVING PARTY DATA	
Name:	IO SEMICONDUCTOR INCORPORATED
Street Address:	4350 EXECUTIVE DRIVE, SUITE 200
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13313231
CORRESPONDENCE DATA	
Fax Number:	(858)794-1496
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	8584811883
Email:	eric@themuellerlawoffice.com
Correspondent Name:	ERIC SCHEUERLEIN
Address Line 1:	THE MUELLER LAW OFFICE
Address Line 2:	12707 HIGH BLUFF DR STE 200
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	IOSEP009
NAME OF SUBMITTER:	ERIC SCHEUERLEIN
SIGNATURE:	/Eric Scheuerlein/
DATE SIGNED:	07/21/2015
Total Attachments: 8	

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ASSIGNMENT

For good and valuable consideration, we, **Chris Brindle** a U.S. citizen, residing at 13351 Silver Lake Drive, Poway, California 92064, **Michael A. Stuber**, a U.S. citizen, residing at 7905 Vista Canela, Carlsbad, California 92009, and **Stuart B. Molin** a U.S. citizen, residing at 7698 Sitio Algodon, Carlsbad, California 92009, and;

Initials CMB
Date 7/14/2015

IO Semiconductor Incorporated

Hereby sell, assign and transfer to **IO Semiconductor, Inc.**, 4350 Executive Drive, Suite 200, San Diego, California 92191, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for a United States Patent, which has been executed by the undersigned concurrently herewith, and is entitled:

Trap Rich Layer for Semiconductor Devices

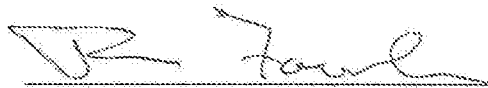
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.


Chris Brindle

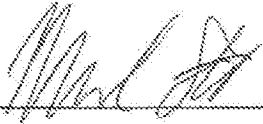
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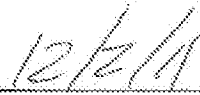
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12/2/11
Date



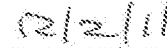
Michael A. Stuber



Date



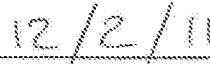
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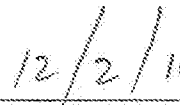
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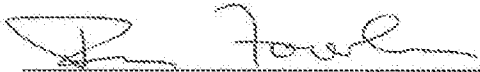
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Stuart B. Molin



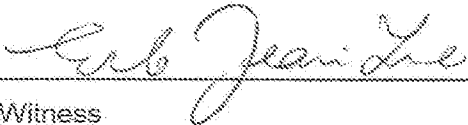
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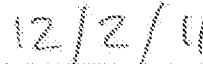
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ASSIGNMENT

For good and valuable consideration, we, Chris Brindle a U.S. citizen, residing at 13351 Silver Lake Drive, Poway, California 92064, Michael A. Stuber, a U.S. citizen, residing at 7905 Vista Canela, Carlsbad, California 92009, and Stuart B. Molin a U.S. citizen, residing at 7698 Sitio Algodon, Carlsbad, California 92009, and;

Initials MS
Date 3/14/15

IO Semiconductor Incorporated

Hereby sell, assign and transfer to ~~IO Semiconductor, Inc.~~, 4350 Executive Drive, Suite 200, San Diego, California 92191, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for a United States Patent, which has been executed by the undersigned concurrently herewith, and is entitled:

Trap Rich Layer for Semiconductor Devices

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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Chris Brindle

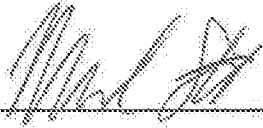
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Michael A. Stuber



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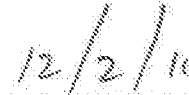
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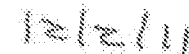
Stuart B. Molin



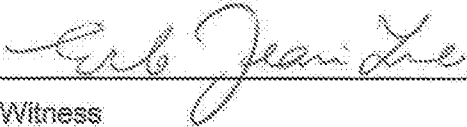
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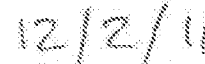
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Trap Rich Layer for Semiconductor Devices

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

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Chris Brindle

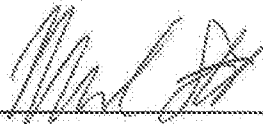
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Michael A. Stuber

12/2/11

Date



Witness

12/2/11

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Stuart B. Molin

12/2/11

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Date



Witness

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Date



UNITED STATES PATENT AND TRADEMARK OFFICE

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

DECEMBER 12, 2011

PTAS

HEATHER MUELLER
12707 HIGH BLUFF DRIVE, STE. 200
SAN DIEGO, CA 92130

501750374

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

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

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 ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/09/2011

REEL/FRAME: 027361/0345
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: IOSEP009

ASSIGNOR:

BRINDLE, CHRIS

DOC DATE: 12/02/2011

ASSIGNOR:

STUBER, MICHAEL A.

DOC DATE: 12/02/2011

ASSIGNOR:

MOLIN, STUART B.

DOC DATE: 12/02/2011

ASSIGNEE:

IO SEMICONDUCTOR, INC.
4350 EXECUTIVE DRIVE, SUITE 200
SAN DIEGO, CALIFORNIA 92191

APPLICATION NUMBER: 13313231

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: TRAP RICH LAYER FOR SEMICONDUCTOR DEVICES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Chris Brindle</td><td>12/02/2011</td></tr><tr><td>Michael A. Stuber</td><td>12/02/2011</td></tr><tr><td>Stuart B. Molin</td><td>12/02/2011</td></tr></tbody></table>		Name	Execution Date	Chris Brindle	12/02/2011	Michael A. Stuber	12/02/2011	Stuart B. Molin	12/02/2011		
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<table border="1"><tr><td>Name:</td><td>IO Semiconductor, Inc.</td></tr><tr><td>Street Address:</td><td>4350 Executive Drive, Suite 200</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92191</td></tr></table>		Name:	IO Semiconductor, Inc.	Street Address:	4350 Executive Drive, Suite 200	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92191
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Application Number:	13313231										
CORRESPONDENCE DATA											
Fax Number: (858)847-0017											
Phone: 8584811883											
Email: Heather@themuellerlawoffice.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: Heather Mueller											
Address Line 1: 12707 High Bluff Drive, Ste. 200											
Address Line 4: San Diego, CALIFORNIA 92130											
ATTORNEY DOCKET NUMBER:	IOSEP009										
NAME OF SUBMITTER:	Heather Mueller										
Total Attachments: 2											
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