

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3443446

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 033001 Frame 0462. Assignor(s) hereby confirms the ASSIGNEE NAME SHOULD BE "IO SEMICONDUCTOR INCORPORATED".
<b>RESUBMIT DOCUMENT ID:</b>	503394201
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL A. NYGAARD	07/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IO SEMICONDUCTOR INCORPORATED
<b>Street Address:</b>	4350 EXECUTIVE DRIVE
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14292395
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	8584811883
<b>Email:</b>	eric@themuellerlawoffice.com
<b>Correspondent Name:</b>	ERIC SCHEUERLEIN
<b>Address Line 1:</b>	THE MUELLER LAW OFFICE
<b>Address Line 2:</b>	12707 HIGH BLUFF DR STE 200
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	IOSEP018
<b>NAME OF SUBMITTER:</b>	ERIC SCHEUERLEIN
<b>SIGNATURE:</b>	/Eric Scheuerlein/
<b>DATE SIGNED:</b>	07/17/2015
<b>Total Attachments: 3</b>	

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2878625

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL A. NYGAARD	05/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IO SEMICONDUCTOR, INC.
<b>Street Address:</b>	4350 EXECUTIVE DRIVE, SUITE 200
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14292395
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	8584811883
<b>Email:</b>	eric@themuellerlawoffice.com
<b>Correspondent Name:</b>	ERIC SCHEUERLEIN
<b>Address Line 1:</b>	THE MUELLER LAW OFFICE
<b>Address Line 2:</b>	12707 HIGH BLUFF DRIVE, STE 200
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	IOSEP018
<b>NAME OF SUBMITTER:</b>	ERIC SCHEUERLEIN
<b>SIGNATURE:</b>	/Eric Scheuerlein/
<b>DATE SIGNED:</b>	05/30/2014
<b>Total Attachments: 1</b>	
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Attorney Docket No.: IOSEP018

**ASSIGNMENT**

For good and valuable consideration, I, **Paul A. Nygaard**, residing in Carlsbad, CA,  
IO Semiconductor Incorporated

Initials P.A.N.  
Date 5/14/15

Hereby sell, assign and transfer to **IO Semiconductor, Inc.**, having a principal place of  
business at **4350 Executive Drive, Suite 200, San Diego, CA 92121**, 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 being filed herewith and entitled:

**HIGH DENSITY SINGLE-TRANSISTOR ANTIFUSE MEMORY CELL**

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.

Paul A. Nygaard  
Paul A. Nygaard

5/30/2014  
Date

[Signature]  
Witness

5/30/14  
Date

[Signature]  
Witness

5/30/14  
Date