

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Deva N. Pattanayak</td> <td>06/11/2008</td> </tr> <tr> <td>Kyle Terrill</td> <td>06/09/2008</td> </tr> <tr> <td>Sharon Shi</td> <td>06/12/2008</td> </tr> <tr> <td>Misha Lee</td> <td>06/05/2008</td> </tr> <tr> <td>Yuming Bai</td> <td>06/12/2008</td> </tr> <tr> <td>Kam Lui</td> <td>06/10/2008</td> </tr> <tr> <td>Kuo-In Chen</td> <td>06/09/2008</td> </tr> </tbody> </table>		Name	Execution Date	Deva N. Pattanayak	06/11/2008	Kyle Terrill	06/09/2008	Sharon Shi	06/12/2008	Misha Lee	06/05/2008	Yuming Bai	06/12/2008	Kam Lui	06/10/2008	Kuo-In Chen	06/09/2008
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Kam Lui	06/10/2008																
Kuo-In Chen	06/09/2008																
RECEIVING PARTY DATA																	
Name:	Vishay-Siliconix																
Street Address:	2201 Laurelwood Road																
City:	Santa Clara																
State/Country:	CALIFORNIA																
Postal Code:	95054																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12098950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12098950												
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CORRESPONDENCE DATA																	
Fax Number:	(408)938-9057																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	408-938-9060																
Email:	officeaction@mhbpatents.com																
Correspondent Name:	VISHAY/SILICONIX C/O MURABITO, HAO & BAR																
Address Line 1:	2 N. MARKET STREET																
Address Line 2:	THIRD FLOOR																
Address Line 4:	SAN JOSE, CALIFORNIA 95113																
ATTORNEY DOCKET NUMBER:	VISH-8753																

OP \$40.00 12098950

PATENT

500578304

REEL: 021157 FRAME: 0784

NAME OF SUBMITTER:

Anthony C. Murabito

Total Attachments: 7

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Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Deva N. Pattanayak

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

TRENCH METAL OXIDE SEMICONDUCTOR WITH RECESSED TRENCH MATERIAL AND REMOTE CONTACTS

 filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: 12/098,950 filed on 04/07/2008 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Vishay-Siliconix, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Vishay-Siliconix, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Vishay-Siliconix.

I/we further covenant with Vishay-Siliconix, 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;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: *Deva N. Pattanayak* Date: 6/11/08

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Kyle Terrill

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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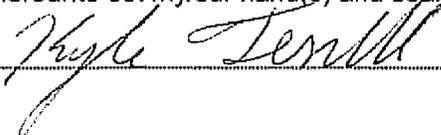
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In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 6/9/08

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Sharon Shi

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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And for the above consideration, I/we agree promptly upon request of Vishay-Siliconix, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Vishay-Siliconix, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Vishay-Siliconix.

I/we further covenant with Vishay-Siliconix, 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;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 6/12/08

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Misha Lee

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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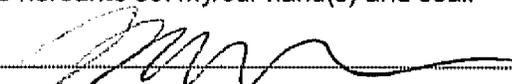
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In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 6/5/2008

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Yuming Bai

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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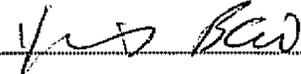
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And for the above consideration, I/we agree promptly upon request of Vishay-Siliconix, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Vishay-Siliconix, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Vishay-Siliconix.

I/we further covenant with Vishay-Siliconix, 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;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 6/12/08

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Kam Lui

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: *Kam Hong Lui* Date: 6/16/08

Assignment to VISHAY-SILICONIX

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Kuo-In Chen

do hereby sell, assign, and transfer unto Vishay-Siliconix (hereinafter called Vishay-Siliconix), a Delaware Corporation having its principal place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

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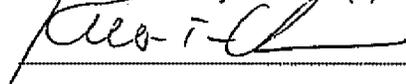
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In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 6/9/08