

502432588

07/24/2013

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of the first inventor's name previously recorded on Reel 030818 Frame 0959. Assignor(s) hereby confirms the first inventor's name should be Michael T. Gilmartin.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MICHAEL T. GILMARTIN</td> <td>05/26/2013</td> </tr> <tr> <td>FREDERICK J. KIKO</td> <td>05/03/2013</td> </tr> <tr> <td>ALAN H. BENJAMIN</td> <td>05/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL T. GILMARTIN	05/26/2013	FREDERICK J. KIKO	05/03/2013	ALAN H. BENJAMIN	05/03/2013
Name	Execution Date								
MICHAEL T. GILMARTIN	05/26/2013								
FREDERICK J. KIKO	05/03/2013								
ALAN H. BENJAMIN	05/03/2013								
RECEIVING PARTY DATA									
Name:	Pulse Electronics, Inc.								
Street Address:	12220 World Trade Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92128								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13758875</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13758875				
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Application Number:	13758875								
CORRESPONDENCE DATA									
Fax Number:	8586751674								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	8586751670								
Email:	docket@gazpat.com								
Correspondent Name:	GAZDZINSKI & ASSOCIATES, PC								
Address Line 1:	16644 West Bernardo Drive								
Address Line 2:	SUITE 201								
Address Line 4:	San Diego, CALIFORNIA 92127								
ATTORNEY DOCKET NUMBER:	PENG.654DV1C1X3								
NAME OF SUBMITTER:	Peter J. Gutierrez, III								

CH \$40.00 13758875

700508659

PATENT
REEL: 031032 FRAME: 0226

502423350 07/17/2013

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
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Address Line 1:	16644 WEST BERNARDO DRIVE								
Address Line 2:	SUITE 201								
Address Line 4:	SAN DIEGO, CALIFORNIA 92127								
ATTORNEY DOCKET NUMBER:	PENG.654DV1C1X3								
NAME OF SUBMITTER:	Peter J. Gutierrez, III								
Signature:	/Peter J Gutierrez III/								

CH \$40.00 13758875

PATENT
 REEL: 031032 FRAME: 0227

Page 1

Attorney's Docket No. PENG.654DV1C1X3

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

Title of Invention: **FORM-LESS ELECTRONIC DEVICE ASSEMBLIES AND METHODS OF OPERATION**

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

U.S. Application Serial Number: 13/758,875; or

PCT International Application No.: _____

Filed on: February 4, 2013

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, **Pulse Electronics, Inc.**, with its principle place of business at 12220 World Trade Drive, San Diego CA 92128, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, re-examinations, continuations, conversions and extensions thereof, and provisional applications to which priority is claimed therefrom, for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion, re-exam, provisional, or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion, re-exam, provisional, or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

GAZDZINSKI & ASSOCIATES, PC

1664 West Bernardo Drive, Suite 201, San Diego, CA 92127

Telephone: (858) 675-1670 - Facsimile: (858) 675-1674 - Email: docket@gazpat.com

PATENT

REEL: 031032 FRAME: 0228

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of GAZDZINSKI & ASSOCIATES, PC, Customer No. 27299, the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

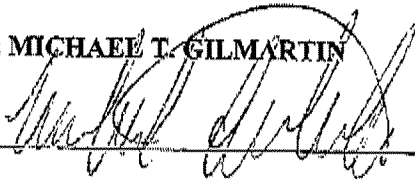
In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name: **MICHAEL T. GILMARTIN**

Date: 24/MAY/2013

Signature: _____



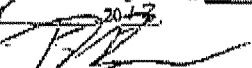
IN WITNESS of the signature of

MICHAEL GILMARTIN

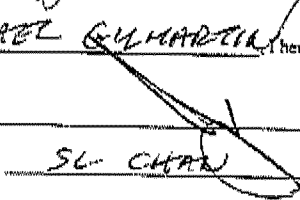
hereunto set my hand this 24 day of

MAY 2013

Signature: _____



Signature _____



Name EDWARD BROWN

Name _____

SL CHAN

An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

GAZDZINSKI & ASSOCIATES, PC
16644 West Bernardo Drive, Suite 201, San Diego, CA 92127
Telephone: (858) 675-1670 - Facsimile: (858) 675-1674 - Email: docket@gazpat.com

Supplemental Sheet Page 3 of 3

PENG.654DV1C1x3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **FREDERICK J. KIKO**

Date: 5-3-2013

Signature: *Frederick J. Kiko*

IN WITNESS of the signature of FREDERICK J. KIKO, I herunto set my hand this 5 day of MAY 2013.

Signature *Michael Schewe* Signature *Kenneth Baerme*

Name Michael Schewe Name Kenneth Baerme

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **ALAN H. BENJAMIN**

Date: _____

Signature: _____

IN WITNESS of the signature of _____, I herunto set my hand this _____ day of _____, 20_____.

Signature _____ Signature _____

Name _____ Name _____

GAZDZINSKI & ASSOCIATES, PC
16644 West Bernardo Drive, Suite 201, San Diego, CA 92127
Telephone: (858) 675-1670 - Facsimile: (858) 675-1674 - Email: docket@gazpat.com

Supplemental Sheet Page 3 of 3

PENG.654DV1C1x3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **FREDERICK J. KIKO**

Date: _____

Signature: _____

IN WITNESS of the signature of _____, I hereunto set my hand this _____ day of _____, 20____.

Signature _____ Signature _____

Name _____ Name _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **ALAN H. BENJAMIN**

Date: **MAY 3, 2013**

Signature: _____

IN WITNESS of the signature of **ALAN BENJAMIN**, I hereunto set my hand this **3RD** day of **MAY**, 20**13**.

Signature **John A. Houston** Signature **Brian Rapel**

Name **John A. Houston** Name **Brian Rapel**

GAZDZINSKI & ASSOCIATES, PC

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PATENT

REEL: 031032 FRAME: 0231

RECORDATION FORM COVER SHEET PATENTS ONLY

CLIENT CODE: PENG.654DV1C1X3

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS: Please record the attached original documents or copy thereof.

<p>Submission Type</p> <p><input type="checkbox"/> New</p> <p><input checked="" type="checkbox"/> Resubmission (Non-Recordation)-Document ID# 502432588</p> <p><input type="checkbox"/> Correction of PTO Error - Reel # _____ Frame # _____</p> <p><input type="checkbox"/> Corrective Document - Reel # _____ Frame # _____</p>	<p>Conveyance Type</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement</p> <p><input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other:</p> <p>Execution Date: <u>05/26/2013; 05/03/2013; 05/03/2013</u></p>
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<p>Conveying Party(ies)</p> <p>Michael T. Gilmartin; Frederick J. Kiko; Alan H. Benjamin</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Receiving Party(ies)</p> <p>Name: Pulse Electronics, Inc. Address: 12220 World Trade Drive, San Diego, CA 92128</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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Application Number(s) or Patent Number(s)

Application filed herewith

Patent Application No(s): 13/758,875 (filed 02/04/2013)

Patent No(s):


Additional numbers attached? Yes No

<p>Correspondent Name and Address</p> <p>Name: Peter J. Gutierrez, III Internal Address: GAZDZINSKI & ASSOCIATES Street Address: 16644 West Bernardo Drive, Suite 201 City: San Diego State: CA ZIP: 92127 Telephone: (858) 675-1670</p>	<p>Fee Amount (37 CFR 3.41): \$0.00</p> <p><input checked="" type="checkbox"/> Commissioner previously charged the \$40.00 Correction of Recordation fee. Commissioner is hereby authorized to charge any additional fees required to our Deposit Account No. 501423.</p>
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Number of Properties Enter the total number of properties involved: (1)

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. Charges to deposit account are authorized, as indicated herein.

Peter J. Gutierrez, III  8/5/13
Name of Person Signing Peter J. Gutierrez, III Reg. No. 56,732 Date

Pages Enter the total number of pages of the conveyance document including any attachments: (10)

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services
Director of the USPTO
P.O. Box 1450
Alexandria, VA 22313-1450