


**RECORDATION FORM COVER SHEET
PATENTS ONLY****CLIENT CODE: PENG.745A**

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Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation)-Document ID# _____ <input type="checkbox"/> Correction of PTO Error - Reel # _____ Frame # _____ <input type="checkbox"/> Corrective Document - Reel # _____ Frame # _____	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>August 3, 2009</u>
Conveying Party(ies) KEH-CHANG CHENG (Exc. Date: 8/3/09) PEN-YUAN TSAI (Exc. Date: 8/3/09) CHENG-JUNG TSOU (Exc. Date: 8/3/09) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Receiving Party(ies) Name: <u>Pulse Engineering, Inc.</u> Address: <u>12220 World Trade Drive</u> <u>San Diego, CA 92128</u> Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Application Number(s) or Patent Number(s) <input type="checkbox"/> Application filed herewith <input checked="" type="checkbox"/> Patent Application No(s): <u>12/482,371</u> <input type="checkbox"/> Patent No(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Correspondent Name and Address Name: <u>Robert F. Gazdzinski, Esq.</u> Internal Address: <u>GAZDZINSKI & ASSOCIATES, PC</u> Street Address: <u>11440 West Bernardo Court, Suite 375</u> City: <u>San Diego</u> State: <u>CA</u> ZIP: <u>92127</u> Telephone: <u>(858) 675-1670</u>	Fee Amount (37 CFR 3.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Please charge our Deposit Account No. <u>501423</u> for any required fees.
Number of Properties Enter the total number of properties involved: <u>(1)</u> 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. <div style="display: flex; justify-content: space-between;"><div style="width: 30%;">Peter J. Gutierrez, III Name of Person Signing</div><div style="width: 40%; text-align: center;"> Peter J. Gutierrez, III; Reg. No. 56,732</div><div style="width: 30%; text-align: right;">August 28, 2009 Date</div></div>	
Pages Enter the total number of pages of the conveyance document including any attachments: <u>(3)</u> Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: <div style="text-align: center;">Mail Stop Assignment Recordation Services Director of the USPTO P.O. Box 1450 Alexandria, VA 22313-1450</div>	

CH \$40.00 501423 12482371

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PATENT
REEL: 023156 FRAME: 0564

Application No.: 12/482,371

Filing Date: June 10, 2009

PATENT

Docket: PENG.745A

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ASSIGNMENT

WHEREAS, We, **KEH-CHANG CHENG**, a Citizen of Taiwan, residing at No. 26, Kao Ching Road, Taoyuan Hsien, Taiwan; **PEN-YUAN TSAI**, a Citizen of Taiwan, residing at No. 26, Kao Ching Road, Taoyuan Hsien, Taiwan; and **CHENG-JUNG TSOU**, a Citizen of Taiwan, residing at No. 26, Kao Ching Road, Taoyuan Hsien, Taiwan; have invented certain new and useful improvements in **MINIATURIZED CONNECTORS AND METHODS** for which we have filed an application for Letters Patent on June 10, 2009 in the United States, Application Serial No. 12/482,371, which claims priority to U.S. Provisional Application Serial No. 61/196,064 filed on October 14, 2008; and U.S. Provisional Application Serial No. 61/131,817 filed on June 11, 2008.

AND WHEREAS, **PULSE ENGINEERING, INC.** (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 12220 World Trade Drive, San Diego, 92128, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of

Aug., 2009.

PATENT**REEL: 023156 FRAME: 0565**

Application No.: 12/482,371
Filing Date: June 10, 2009

PATENT
Docket: PENG.745A
Page 2 of 3

ASSIGNMENT

KEH-CHANG CHENG
KEH-CHANG CHENG

STATE OF +
+ ss.
COUNTY OF +

On AUG 03 2009 before me, Notary Public: Tsai, Chia-Yen, (here insert name and title of the officer), personally appeared KEH-CHANG CHENG, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature Tsai - C - D

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of Aug 2009.

pen-yuan Tsai
PEN-YUAN TSAI

STATE OF +
+ ss.
COUNTY OF +

On AUG 03 2009 before me, Notary Public: Tsai, Chia-Yen, (here insert name and title of the officer), personally appeared PEN-YUAN TSAI, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature Tsai - C - F

PATENT

Application No.: 12/482,371

Docket: PENG.745A

Filing Date: June 10, 2009

Page 3 of 3

ASSIGNMENT

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of Aug., 2009.

CHENG-JUNG TSOUCHENG-JUNG TSOU

STATE OF

+

| ss.

COUNTY OF

+

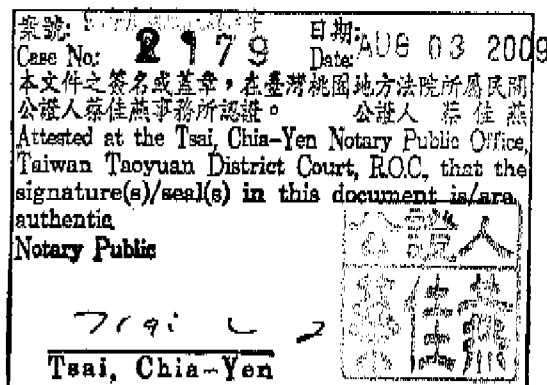
On AUG 03 2009 before me, Notary Public: Tsai, Chia-Yen, (here insert name and title of the officer), personally appeared CHENG-JUNG TSOU, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature

Tsai, Chia-Yen

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PATENT

REEL: 023156 FRAME: 0567

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To: U.S. Patent & Trademark Office From: Robert F. Gazdzinski

Fax: 571-273-0140

Pages: 5 (including cover sheet)

Phone:

Date: August 28, 2009

Re: PENG.745A

CC:

Serial App. No. 12/482,371

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● Message:

Please record the attached Assignment document at your earliest opportunity. Please charge our deposit account no. 501423 for this service. Our mailing address and facsimile number are as follows:

11440 West Bernardo Court, Suite 375
San Diego, CA 92127
Facsimile No. 858-675-1674

If you have any questions, or require any additional information, please contact me at the number listed above.

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