

Pedro Castillo Pineda & Asociados

ABOGADOS

SUPERINTENDENCIA DE INDUSTRIA Y COM

División de Nuevas Creaciones

E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 12-010434- -00001-0000

Fecha: 2012-02-07 16:56:26 Dep. 2020 DIR.NUEVASCR
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Act. 329 CTOINFORMACION Folios: 19

Ref: EXPEDIENTE N° 12-010434

Solicitud de Patente a nombre de

TYCO ELECTRONICS CORPORATION

TYCO ELECTRONICS CANADA ULC

En el asunto de la referencia me permito presentar las copias certificadas y legalizadas de los documentos donde consta la cesión de los derechos de los inventores a las sociedades solicitantes, con respecto a la solicitud estadounidense N° 12/509.246 de la cual se reclamó prioridad en el presente caso.

Como el expediente queda así completo, pido se ordene la publicación del extracto.

Atentamente,

JERONIMO CASTILLO BONILLA

C.C. 79.462.057 Bogotá

T.P. 104167 C.S. Judicatura

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by P.R. Grant

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

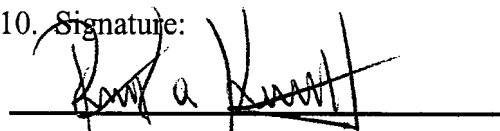
6. the twelfth of January, 2012

7. by *Assistant Authentication Officer, United States Department of State*

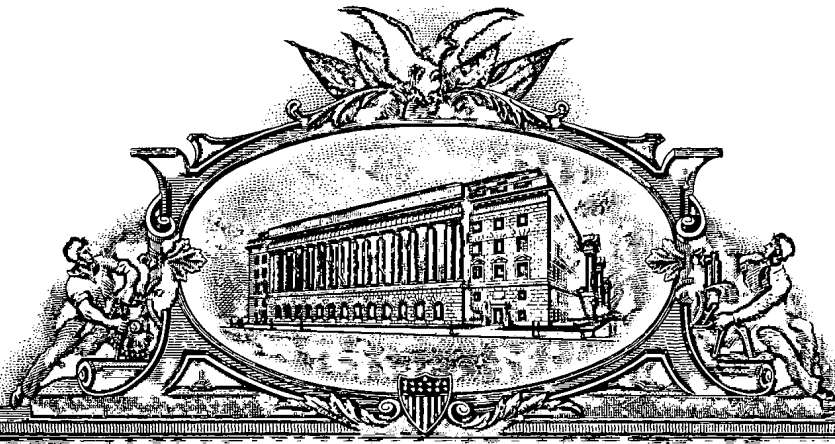
8. No. 12012103-2

9. Seal/Stamp:

10. Signature:


Patrick O. Hatchett

A 1865865



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

December 21, 2011

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
OCTOBER 05, 2009.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



P. R. Grant

P. R. GRANT
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OWEN ROSS GREGORY	08/20/2009
CHARLES DUDLEY COPPER	08/24/2009
TERRY EDWARD FRYE	08/20/2009
RECEIVING PARTY DATA	
Name:	TYCO ELECTRONICS CORPORATION
Street Address:	1050 WESTLAKES DRIVE
City:	BERWYN
State/Country:	PENNSYLVANIA
Postal Code:	19312
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12509246
CORRESPONDENCE DATA	
Fax Number:	(302)633-2776
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	302-633-2771
Email:	ksansone@splglaw.com
Correspondent Name:	BRIAN OAKES TYCO TECHNOLOGY RESOUR
Address Line 1:	4550 NEW LINDEN HILL ROAD
Address Line 2:	SUITE 140
Address Line 4:	WILMINGTON, DELAWARE 19808
ATTORNEY DOCKET NUMBER:	E-EN-00040C (958-1057US5)
NAME OF SUBMITTER:	JAY J. HOETTE
Total Attachments: 6 source=E-EN-00040C-ASSIGNMENT-US-05OCT2009#page1.tif	

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PATENT
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PATENT
REEL: 023324 FRAME: 0415

ASSIGNMENT

I/We, **OWEN ROSS GREGORY** residing at **3016 SAWYERS MILL DRIVE, APEX, NC 27539, USA**, **CHARLES DUDLEY COPPER** residing at **848 PROVIDENCE CIRCLE, HUMMELSTOWN, PA 17036, USA**, and **TERRY EDWARD FRYE** residing at **106 SETTLERS CIRCLE, CARY, NC 27513, USA**, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

TRANSVERSE WEDGE CONNECTOR

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket No. E-EN-00040-C and Tyco Electronics Corporation whose address is 1050 Westlakes Drive, Berwyn, PA 19312 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and applications filed under any International Convention based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

IN TESTIMONY WHEREOF, we have affixed our signature(s).

[Signature] August 20, 2009 *Owen Ross Gregory* August 20, 2009
(Witness) (Date) OWEN ROSS GREGORY (Date)

(Witness) (Date) CHARLES DUDLEY COPPER (Date)

[Signature] August 20, 2009 *Terry Edward Frye* August 20, 2009
(Witness) (Date) TERRY EDWARD FRYE (Date)

ASSIGNMENT

I/We, **OWEN ROSS GREGORY** residing at **3016 SAWYERS MILL DRIVE, APEX, NC 27539, USA**, **CHARLES DUDLEY COPPER** residing at **848 PROVIDENCE CIRCLE, HUMMELSTOWN, PA 17036, USA**, and **TERRY EDWARD FRYE** residing at **106 SETTLERS CIRCLE, CARY, NC 27513, USA**, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

TRANSVERSE WEDGE CONNECTOR

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket No. E-EN-00040-C and Tyco Electronics Corporation whose address is 1050 Westlakes Drive, Berwyn, PA 19312 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and applications filed under any International Convention based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s),
hereinbelow.

IN TESTIMONY WHEREOF, we have affixed our signature(s).

_____ (Witness)	_____ (Date)	OWEN ROSS GREGORY	_____ (Date)
<i>D. Shurkin</i> (Witness)	<i>8/24/09</i> (Date)	<i>[Signature]</i> CHARLES DUDLEY COPPER	<i>8-24-09</i> (Date)
_____ (Witness)	_____ (Date)	TERRY EDWARD FRYE	_____ (Date)

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by P.R. Grant

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

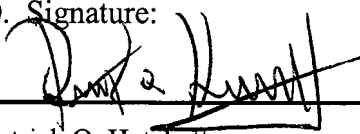
6. the twelfth of January, 2012

7. by Assistant Authentication Officer, United States Department of State

8. No. 12012103-1

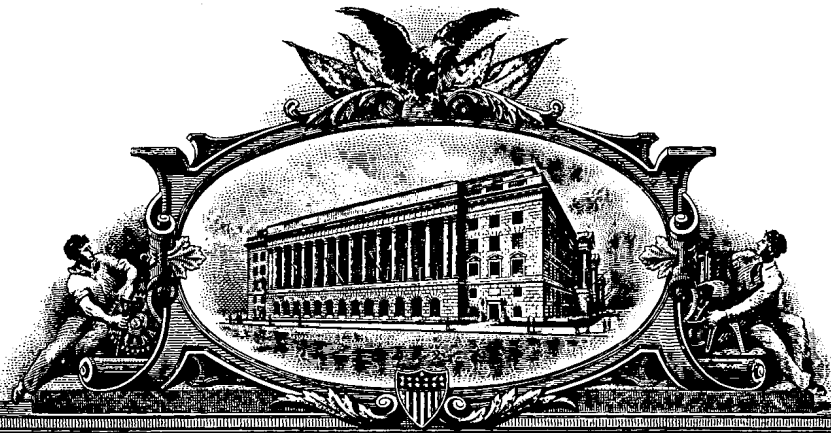
9. Seal/Stamp:

10. Signature:



Patrick O. Hatchett

A 1865866



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

December 21, 2011

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
OCTOBER 05, 2009.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



P. R. GRANT
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table><tr><th>Name</th><th>Execution Date</th></tr><tr><td>ALEXANDRE GEOFFREY MARC</td><td>08/17/2009</td></tr><tr><td>BARRY JOHNSON</td><td>08/24/2009</td></tr><tr><td>VLADIMIR HOXHA</td><td>09/22/2009</td></tr></table>	Name	Execution Date	ALEXANDRE GEOFFREY MARC	08/17/2009	BARRY JOHNSON	08/24/2009	VLADIMIR HOXHA	09/22/2009	
Name	Execution Date								
ALEXANDRE GEOFFREY MARC	08/17/2009								
BARRY JOHNSON	08/24/2009								
VLADIMIR HOXHA	09/22/2009								
RECEIVING PARTY DATA									
Name:	TYCO ELECTRONICS CANADA								
Street Address:	ULC, 20 ESNA PARK DRIVE								
City:	MARKHAM, ONTARIO								
State/Country:	CANADA								
Postal Code:	L3R 1E1								
PROPERTY NUMBERS Total: 1									
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>12509246</td></tr></table>	Property Type	Number	Application Number:	12509246					
Property Type	Number								
Application Number:	12509246								
CORRESPONDENCE DATA									
Fax Number: (302)633-2776 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 302-633-2771									
Email: ksansone@splglaw.com									
Correspondent Name: BRIAN OAKES TYCO TECHNOLOGY RESOUR									
Address Line 1: 4550 NEW LINDEN HILL ROAD									
Address Line 2: SUITE 140									
Address Line 4: WILMINGTON, DELAWARE 19808									
ATTORNEY DOCKET NUMBER:	E-EN-00040C (958-1057US5)								
NAME OF SUBMITTER:	JAY J. HOETTE								
Total Attachments: 4 source=E-EN-00040C-ASSIGNMENT-CA-05OCT2009#page1.tif									

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PATENT
REEL: 023324 FRAME: 0386

ASSIGNMENT

We, ALEXANDRE GEOFFREY MARC of 80 HARRISON GARDEN BLVD., APT. 319, TORONTO, ONTARIO, CANADA M2N 7E3, BARRY JOHNSON of 1 FRASEROD ROAD, VAUGHAN, ONTARIO, CANADA L4J 9C4 and VLADIMIR HOXHA of 55 FRASERTON CRES., TORONTO, ONTARIO, CANADA M1J 1S9, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

TRANSVERSE WEDGE CONNECTOR

which application was executed by the inventor(s) on the date of execution of this assignment, and is identified by Attorney Docket Number E-EN-00040-C, and Tyco Electronics Canada ULC, 20 Esna Park Drive, Markham, ON L3R 1E1, Canada, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

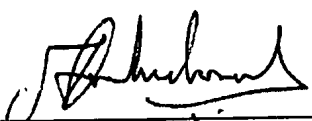
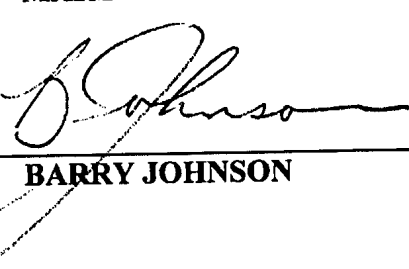
Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and applications filed under any International Convention based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), herein below.

In testimony whereof I/we have affixed my/our signature(s).

 (Witness)	24-AUG-2009 (Date)	 ALEXANDRE GEOFFREY MARC	17/08/09 (Date)
 (Witness)	24-AUG-2009 (Date)	 BARRY JOHNSON	24/08/09 (Date)
 (Witness)	 (Date)	VLADIMIR HOXHA	 (Date)

ASSIGNMENT

We, ALEXANDRE MARC of 602 ROSEVEAR AVENUE, TORONTO, ONTARIO, CANADA M4C 1Z4, BARRY JOHNSON of 1 FRASEROOD ROAD, VAUGHAN, ONTARIO, CANADA L4J 9C4 and VLADIMIR HOXHA of 55 FRASERTON CRES., TORONTO, ONTARIO, CANADA M1J 1S9, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

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which application was executed by the inventor(s) on the date of execution of this assignment, and is identified by Attorney Docket Number E-EN-00040-C, and Tyco Electronics Canada ULC, 20 Esna Park Drive, Markham, ON L3R 1E1, Canada, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

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3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
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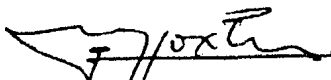
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(Witness) (Date) ALEXANDRE MARC (Date)

(Witness) (Date) BARRY JOHNSON (Date)

Alton Hemishi Sep 22, 09  Sep 22, 2009
(Witness) (Date) VLADIMIR HOXHA (Date)