

SUPERINTENDENCIA DE INDUSTRIA Y CC
División de Nuevas Creaciones
E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-048164- -00001-0000

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Act. 329 CTOINFORMACION Folios: 28

Ref: EXPEDIENTE No.10-048164
Solicitud de Patente a nombre de
TYCO THERMAL CONTROLS LLC.

En el asunto de la referencia me permito presentar los siguientes documentos:

1. Fotocopia auténtica del poder conferido y legalizado por apostilla, en el que se acredita la existencia y representación de la sociedad solicitante.
2. Legalizado por apostilla, el documento por el cual los inventores ceden todos sus derechos en la invención para los Estados Unidos y demás países al exterior.

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

Atentamente,

JERÓNIMO CASTILLO BONILLA
C.C. 79.462.057 Bogotá
T.P. 104167 C.S. Judicatura

LAW OFFICES
PEDRO CASTILLO PINEDA &
ASSOCIATES
P.O. BOX 48362
Bogotá, Colombia / South America

IMPORTANT NOTE
The lodging of this GENERAL POWER with the Patent
Office obviates the need of presenting special powers
with each individual trade mark application.

FOR PATENTS AND TRADE MARKS IN
COLOMBIA

Poder General

General Power of Attorney

1 Applicant's (1)
name

(1) Tyco Thermal Controls LLC

2 Applicant's domiciliado en (2)
address

domiciled in (2)
307 Constitution Drive
Menlo Park, CA 94025

nombra al Dr. JERONIMO CASTILLO BONILLA y/o Dra. XIMENA BONILLA PEREIRA y/o Dr. ALVARO CASTILLO GRAU Calle 93A N° 14-17 Oficina 311 en Bogotá, Colombia, como sus representantes con poder especial, amplio y suficiente, para recabar de las oficinas y autoridades Colombianas, administrativas, judiciales o de policía, en primera o segunda instancia, la obtención de Patentes de Invención, Registro de Marcas, de Modelos y de Dibujos Industriales, de Nombres Comerciales y Enseñas, Lemas Comerciales y Denominaciones de Origen, lo mismo que traspasos, extensiones, renovaciones, cambios de nombre, registro de licencias de explotación y registro de licencias de uso referentes a tales actuaciones, cancelación de Registros de marca, a cuyo efecto les faculta para dar ante dichas autoridades todos los pasos necesarios al objeto indicado, elevar solicitudes, formular descripciones, enmiendas, protestas, declaraciones, apelaciones y reclamos, solicitar la aplicación de medidas cautelares; solicitar la nulidad de Patentes de Invención, modelos de utilidad, diseños industriales, así como la de registros de marcas ante la autoridad nacional competente; aceptar en nuestro nombre y representación la Cesión de derechos de invención y de patente de invención que se nos haga por cualquier persona, abonar todos los impuestos, cuotas y pagos determinados por la ley, recibir todos los documentos y valores dando el descargo respectivo, llenar cualesquiera otros requisitos, desistir y tomar en fin todas las medidas que creyeren conducentes al resguardo de nuestros intereses y en caso de presentarse oposiciones y/o observaciones para que intervengan como demandantes o como demandados, con todas las demás facultades necesarias, así como iniciar y tramitar procesos jurisdiccionales y/o administrativos relativos a competencia desleal. Este poder comprende además las facultades de recibir, desistir, transigir, comprometer, sustituir, revocar sustituciones, conciliar, renunciar, recibir notificaciones y nombrar apoderados judiciales o extrajudiciales.
Dado y firmado en (3)

hereby appoint, JERONIMO CASTILLO BONILLA and/or XIMENA BONILLA PEREIRA and/or ALVARO CASTILLO GRAU, Calle 93A N° 14-17 Office 311 en Bogotá, Colombia, as our representatives with special, ample and sufficient power to obtain from the offices and Colombian authorities, administrative, judicial and police, in first or in second instance, Privileged Patents of invention, Registration of Trade Marks, of Models and Industrial Drawings, of Commercial Names and ensigns, Commercial slogans and Origin Denominations as well as assignments, extensions, renewals, changes of name, registration of license of exploitation and of license of use referred to said actions, Cancellation Actions against trademark Registrations, who are empowered to take before said authorities all of the necessary steps for the purposes indicated, to file applications, to formulate descriptions, corrections, protests, declarations, appeals, and claims, apply for precautionary measures; apply for the nullity of Patent Inventions, Utility Models, Industrial Designs, as well as for Trademark Registrations before the competent national authority; to accept on our behalf and representation the assignment of rights of inventions and titles of invention that may be done to us by any person, to pay all taxes, quotas and payments prescribed by law, to receive all the documents and proceeds giving the respective acquittance or receipt, to fulfill any other requisites to desist and take in fact any other measures that may be deemed conducive to the safeguard of our interests, and in case that oppositions and/or observations are presented to intervene as complainant and defendant, with all necessary legal faculties, as well as to file jurisdictional processes and/or administrative related to disloyal competition. This power of attorney includes the faculties to receive, desist, compromise, transact, substitute, all or in part, to revoke substitutions, to conciliate, to renounce, to receive notifications and to appoint extra-judicial or judicial attorneys.

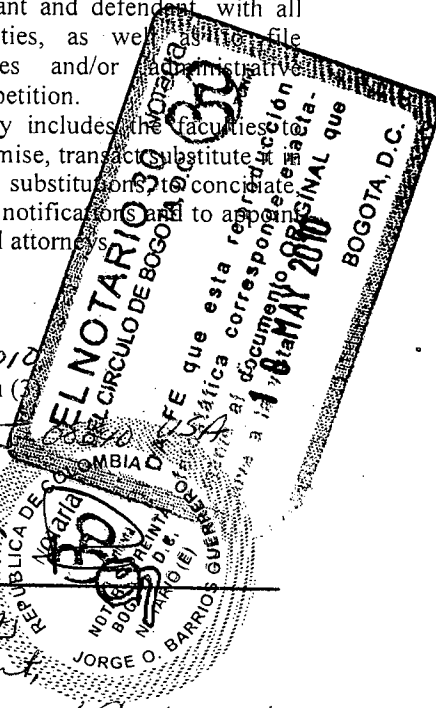
3 Date
4 Applicant's
signature

4)Signature (s)

April 22, 2010
Given and signed in (3)

Princeton, NJ 08540

Rashmi S. Raj
Vice President,
Tyco Thermal Controls LLC



DECLARACION NOTARIAL
(Individual)

A los días del mes de
compareció y/o comparecieron

personalmente ante mi, Notario Público

quien (es) doy fe de conocer y me consta que es
(son) la(s) persona(s) descrita(s) y firmante(s) del
documento que precede, declarando ante mí que
otorga(n) el mismo para los fines y propósitos que
en él se expresan.

Notario Público,

NOTARIAL CERTIFICATE
(Individual)

On this day of
personally appeared before me

a Notary Public

to me known, and known to me to be the
person(s) described in and who executed the
foregoing document, and he (they) duly
acknowledged to me that he (they) executed
same for the uses and purposes therein expressed.

Notary Public.

(Sociedades)

El suscrito Notario Certifica: que la firma que
antecede y dice

Rashmi S. Ray

es auténtica; que el signatario desempeña
actualmente el cargo de

Vice Presidente

de,

Tyco Thermal Controls LLC

que tiene facultad para otorgar este poder; y que
dicha compañía esta domiciliada en

Menlo Park, California, Estados Unidos

y actualmente existe y esta organizada de acuerdo
a las leyes de

Estado de Delaware

Todos los hechos anteriores le constan por haber
examinado los documentos respectivos y de todo
ello da fe.

Dado y firmado en

El Notario Público,

(Con legalización Consular)

(Corporations)

The undersigned Notary Public certifies: that the
preceding signature reading

is authentic; that the signer at present fills the post
of

Vice President

of,

Tyco Thermal Controls LLC

and that he is empowered to grant this power; and
that said company is domiciled in

the State of California

and actually exists and is organized in accordance
with the laws of *the State of Delaware*

All the foregoing facts are known to the Notary
due to his having examined the respective
documents to which he, the Notary attests..

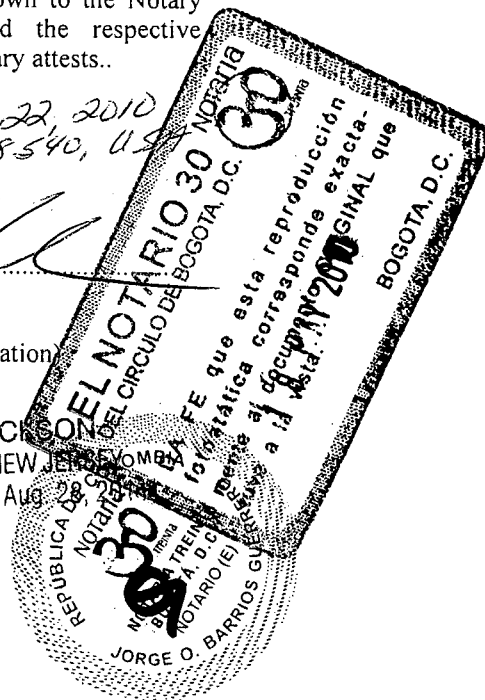
Given and signed in *April 22, 2010*

Princeton, NJ 08540, USA

Notary Public.

(With Consular legalization)

BARBARA J. JACKSON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Aug



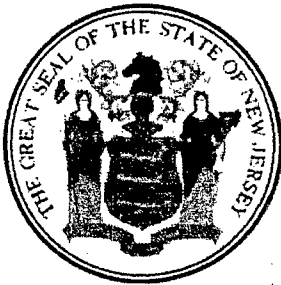
APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
BARBARA J JACKSON
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
BARBARA J JACKSON, NOTARY

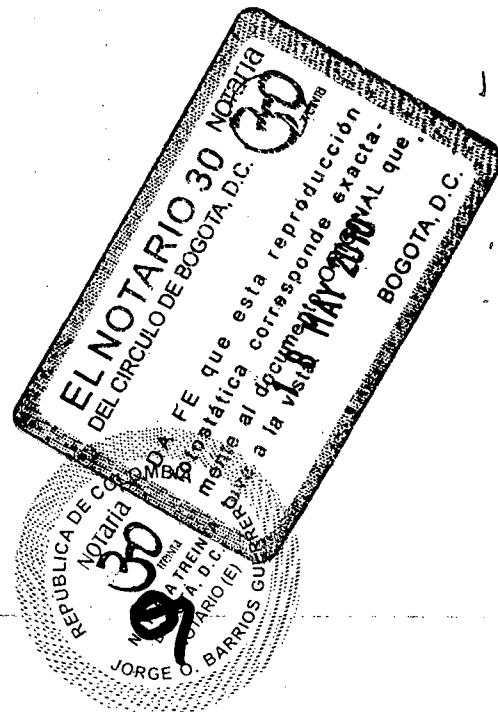
CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 30TH DAY OF APRIL 2010
7. BY: Andrew P Sidamon-Eristoff
State Treasurer
8. NO: A392532
9. SEAL/STAMP:
10. SIGNATURE



[Handwritten signature]

Certificate Number: 117009286
Verify this certificate at
https://www1.state.nj.us/TYTR_StandingCert/JSP/Verify_Cert.jsp



State of Florida

Department of State

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: **United States of America**

This public document

2. has been signed by **Susan J Cain Sanchez**

3. acting in the capacity of **Notary Public of Florida**

4. bears the seal/stamp of **Notary Public, State of Florida**

Certified

5. at **Tallahassee, Florida**

6. the **Thirtieth day of April, A.D., 2010**

7. by **Secretary of State, State of Florida**

8. No. **2010-41804**

9. Seal/Stamp:



10. Signature:

[Handwritten Signature]

Secretary of State

"State of Florida" appears in small letters across the face of this 8 1/2 x 11" document.

The word "VOID" appears when photocopied.

DSDE 99(3/03)

NOTARIAL TRUE COPY

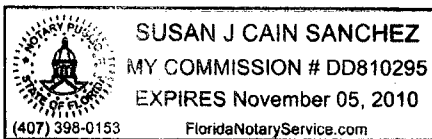
STATE OF FLORIDA)

COUNTY OF PALM BEACH)

ss:

On this 26th day of April, 2010, I attest that the attached document is a true, exact, complete, and unaltered photocopy made by me of Patent Assignments presented to me by the document's custodian, Barbara Jackson, and, to the best of my knowledge, that the photocopied document is neither a vital record nor a public record, certified copies of which are available from an official source other than a notary public.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Seal under the Oath of my Office.




Susan J. Cain Sanchez
Notary Public, State of Florida
My Commission expires: November 5, 2010

PATENT

ASSIGNMENT

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

have invented certain improvements in

**MANUFACTURE OF HEAT TRACE CABLE, DESIGN, INSTALLATION AND
MANAGEMENT, AND METHOD THEREOF**

which was described and claimed in PCT International Application No. PCT/US2008/80916 filed on October 23, 2008, which claimed priority from U. S. Patent application 60/982,369 filed October 24, 2007; U. S. Patent application 60/982,376 filed October 24, 2007; U. S. Patent application 60/982,373 filed October 24, 2007; U. S. Patent application 60/984,780 filed November 2, 2007; U. S. Patent application 60/984,772 filed November 2, 2007; and U. S. Patent application 11/983056 filed November 5, 2007;

Whereas, Tyco Thermal Controls LLC., a Limited Liability Company of the State of Delaware, having a place of business at 2415 Bay Road, Redwood City, California (hereinafter referred to as Tyco), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to Tyco, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Tyco, its successors and assigns; and we hereby agree that Tyco may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Tyco.

Signed and sealed:

LOCATION
(1) EDMONTON

DATE
Dec 2, 2008

SIGNATURE

Neil Bourgeois

(2) EDMONTON

Dec 2, 2008


Elson Castillo

(3) _____

Xiaorong Deng

(4) _____

Michael H. Easley

(5) Edmonton

Dec 2, 2008



Rodney E. Gilmour

(6) _____

Donald L. Hunter

(7) Edmonton

Dec 2, 2008



Steven Noel

(8) Edmonton

Dec 2, 2008



Brent Podruzny

(9) _____

Mitchell A. Todd

(10) _____

Willem P. Westerhuijs

(11) _____

Cara J. Hensley

(12) _____

Bruno Guinand

(1) Province of Alberta)
Country of Canada) ss.:

On this 2 day of DECEMBER, 2008, before me personally came **Neil Bourgeois** to me personally known, or who has produced DRIVERS LICENCE as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

ROBERT A. KISS
BARRISTER & SOLICITOR

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this 2 day of DECEMBER, 2008, before me personally came **Elson Castillo** to me personally known, or who has produced DRIVERS LICENCE as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

ROBERT A. KISS
BARRISTER & SOLICITOR

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Xiaorong Deng** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(4) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Michael H. Easley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(5) Province of Alberta)
Country of Canada) ss.:

On this 2 day of DECEMBER, 2008, before me personally came **Rodney E. Gilmour** to me personally known, or who has produced DRIVERS LICENCE as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

ROBERT A. KISS
BARRISTER & SOLICITOR

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(6) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Donald L. Hunter** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(7) Province of Alberta)
Country of Canada) ss.:

On this 2 day of DECEMBER, 2008, before me personally came **Steven Noel** to me personally known, or who has produced DRIVERS LICENCE as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

ROBERT A. KISS
BARRISTER & SOLICITOR

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(8) Province of Alberta)
Country of Canada) ss.:

On this 2 day of DECEMBER, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced Driver's License as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

ROBERT A. KISS
BARRISTER & SOLICITOR
PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(9) State of)
County of) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(10)

On this ____ day of _____, 2008, before me personally came **Willem P. Westerhuijs** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

=====

(11) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Cara J. Hensley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

=====

(12)

On this ____ day of _____, 2008, before me personally came **Bruno Guinand** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

=====

PATENT

ASSIGNMENT

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

have invented certain improvements in

MANUFACTURE OF HEAT TRACE CABLE, DESIGN, INSTALLATION AND MANAGEMENT, AND METHOD THEREOF

which was described and claimed in PCT International Application No. PCT/US2008/80916 filed on October 23, 2008, which claimed priority from U. S. Patent application 60/982,369 filed October 24, 2007; U. S. Patent application 60/982,376 filed October 24, 2007; U. S. Patent application 60/982,373 filed October 24, 2007; U. S. Patent application 60/984,780 filed November 2, 2007; U. S. Patent application 60/984,772 filed November 2, 2007; and U. S. Patent application 11/983056 filed November 5, 2007;

Whereas, Tyco Thermal Controls LLC., a Limited Liability Company of the State of Delaware, having a place of business at 2415 Bay Road, Redwood City, California (hereinafter referred to as Tyco), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to Tyco, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Tyco, its successors and assigns; and we hereby agree that Tyco may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Tyco.

Signed and sealed:

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) _____	_____	Neil Bourgeois
(2) _____ 7th floor, Peace Hills Trust Tower 10011-109 street	_____	Elson Castillo
(3) <u>Edmonton, Alberta, Canada</u> T5J 3S8	<u>December 10-2008</u>	<u>Xiaorong Deng</u> Xiaorong Deng

(4) _____,

Michael H. Easley

(5) _____,

Rodney E. Gilmour

(6) _____,

Donald L. Hunter

(7) _____,

Steven Noel

(8) _____,

Brent Podruzny

(9) _____,

Mitchell A. Todd

(10) _____,

Willem P. Westerhuijs

(11) _____,

Cara J. Hensley

(12) _____,

Bruno Guinand

(1) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Neil Bourgeois** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Elson Castillo** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

The signature of **Xiaorong Deng** was witnessed on this ____ day of _____, 2008, before us personally came to me personally known, or who has produced _____ as identification, known to us to be the person described in and who executed the foregoing assignment, and acknowledged to us that the execution of the same was a free act and deed

Witness Signature: _____

Date: Dec 10, 2008

Name: Steve Roseboom

Address: 7th Floor Peace Hills Trust Tower
10011-109 St
Edmonton, AB T5J 3S8

Witness Signature: _____

Date: December 10, 2008

Name: Erin Bayly

Address: 7th Floor, 10011-109 Street
Peace Hills Trust Tower
Edmonton, AB T5J 3S8

(4) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Michael H. Easley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(5) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Rodney E. Gilmour** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(6) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Donald L. Hunter** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(7) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Steven Noel** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(8) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(9) State of)
 County of) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(10)
 On this ____ day of _____, 2008, before us personally came **Willem P. Westerhuijs** to me personally known, or who has produced _____ as identification, known to us to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

The above signature was witnessed as follows:

Witness Signature: _____

Date: _____

Name: _____

Address: _____

Witness Signature: _____

Date: _____

Name: _____

Address: _____

=====

(11) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Cara J. Hensley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

=====

(12)

On this ____ day of _____, 2008, before me personally came **Bruno Guinand** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

=====

PATENT

ASSIGNMENT

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

have invented certain improvements in

**MANUFACTURE OF HEAT TRACE CABLE, DESIGN, INSTALLATION AND
MANAGEMENT, AND METHOD THEREOF**

which was described and claimed in PCT International Application No. PCT/US2008/80916 filed on October 23, 2008, which claimed priority from U. S. Patent application 60/982,369 filed October 24, 2007; U. S. Patent application 60/982,376 filed October 24, 2007; U. S. Patent application 60/982,373 filed October 24, 2007; U. S. Patent application 60/984,780 filed November 2, 2007; U. S. Patent application 60/984,772 filed November 2, 2007; and U. S. Patent application 11/983056 filed November 5, 2007;

Whereas, Tyco Thermal Controls LLC., a Limited Liability Company of the State of Delaware, having a place of business at 2415 Bay Road, Redwood City, California (hereinafter referred to as Tyco), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to Tyco, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Tyco, its successors and assigns; and we hereby agree that Tyco may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Tyco.

Signed and sealed:

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) _____	_____	_____ Neil Bourgeois
(2) _____	_____	_____ Elson Castillo
(3) _____	_____	_____ Xiaorong Deng

(4) Houston, TX.

11-17-08

Michael H. Easley
Michael H. Easley

(5) _____

Rodney E. Gilmour

(6) Houston, TX.

11-17-08

Donald L. Hunter
Donald L. Hunter

(7) _____

Steven Noel

(8) _____

Brent Podruzny

(9) _____

Mitchell A. Todd

(10) _____

Willem P. Westerhuijs

(11) Houston, TX.

11-17-08

Cara J. Hensley
Cara J. Hensley

(12) _____

Bruno Guinand

(1) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Neil Bourgeois** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Elson Castillo** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Xiaorong Deng** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

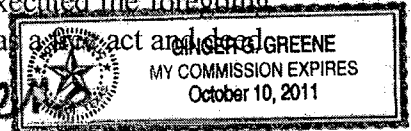
PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(4) State of _____)
County of _____) ss.:

On this 17 day of November 2008, before me personally came Michael H. Easley to me personally known, or who has produced TEXAS ID as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Ginger G. Greene Ginger G. Greene
PRINT NAME OF NOTARY SIGNATURE OF NOTARY



(5) Province of Alberta)
Country of Canada) ss.:

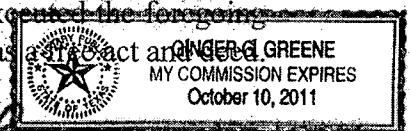
On this ____ day of _____, 2008, before me personally came Rodney E. Gilmour to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(6) State of _____)
County of _____) ss.:

On this 17 day of November 2008, before me personally came Donald L. Hunter to me personally known, or who has produced Texas I.D. as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Ginger G. Greene Ginger G. Greene
PRINT NAME OF NOTARY SIGNATURE OF NOTARY



(7) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came Steven Noel to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(8) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(9) State of)
County of) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(10)

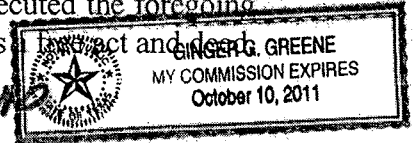
On this ____ day of _____, 2008, before me personally came **Willem P. Westerhuijs** to me personally known, or who, has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(11) State of _____)
 County of _____) ss.

On this 17 day of November, 2008, before me personally came Cara J. Hensley to me personally known, or who has produced Texas I.D. as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Ginger G. Greene Ginger G. Greene
 PRINT NAME OF NOTARY SIGNATURE OF NOTARY



(12)

On this _____ day of _____, 2008, before me personally came Bruno Guinand to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

PATENT

ASSIGNMENT

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

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MANAGEMENT, AND METHOD THEREOF**

which was described and claimed in PCT International Application No. PCT/US2008/80916 filed on October 23, 2008, which claimed priority from U. S. Patent application 60/982,369 filed October 24, 2007; U. S. Patent application 60/982,376 filed October 24, 2007; U. S. Patent application 60/982,373 filed October 24, 2007; U. S. Patent application 60/984,780 filed November 2, 2007; U. S. Patent application 60/984,772 filed November 2, 2007; and U. S. Patent application 11/983056 filed November 5, 2007;

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Signed and sealed:

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) _____	_____	Neil Bourgeois
(2) _____	_____	Elson Castillo
(3) _____	_____	Xiaorong Deng

(4) _____

Michael H. Easley

(5) _____

Rodney E. Gilmour

(6) _____

Donald L. Hunter

(7) _____

Steven Noel

(8) _____

Brent Podruzny

(9) TIGARD, OR

12-5-08

Mitchell A. Todd
Mitchell A. Todd

(10) _____

Willem P. Westerhuijs

(11) _____

Cara J. Hensley

(12) _____

Bruno Guinand

(1) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Neil Bourgeois** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Elson Castillo** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Xiaorong Deng** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(4) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Michael H. Easley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(5) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Rodney E. Gilmour** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(6) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Donald L. Hunter** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(7) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Steven Noel** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing

assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(8) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

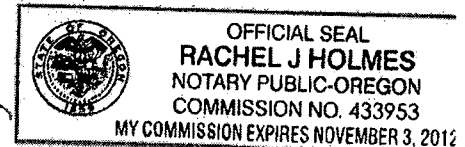
PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(9) State of Oregon)
 County of Washington) ss.:

On this 5 day of December, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced Oregon Drivers licence as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Rachel Holmes
PRINT NAME OF NOTARY

Rachel Holmes
SIGNATURE OF NOTARY



(10)

On this ____ day of _____, 2008, before me personally came **Willem P. Westerhuijs** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(8) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(9) State of Oregon)
County of Washington) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(10)

On this ____ day of _____, 2008, before me personally came **Willem P. Westerhuijs** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(11) State of _____)
County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Cara J. Hensley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(12)

On this ____ day of _____, 2008, before me personally came **Bruno Guinand** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

**PATENT
ASSIGNMENT**

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

have invented certain improvements in

**MANUFACTURE OF HEAT TRACE CABLE, DESIGN, INSTALLATION AND
MANAGEMENT, AND METHOD THEREOF**

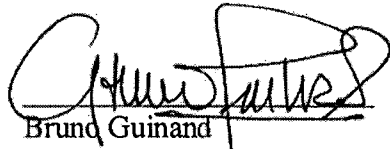
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Signed and sealed:

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) _____	_____	Neil Bourgeois
(2) _____	_____	Elson Castillo
(3) _____	_____	Xiaorong Deng

(4) _____,	_____	Michael H. Easley
(5) _____,	_____	Rodney E. Gilmour
(6) _____,	_____	Donald L. Hunter
(7) _____,	_____	Steven Noel
(8) _____,	_____	Brent Podruzny
(9) _____,	_____	Mitchell A. Todd
(10) _____,	_____	Willem P. Westerhuijs
(11) _____,	_____	Cara J. Hensley
(12) <u>Belleville</u> ,	<u>04/12/2008</u> <u>Dec</u>	 Bruno Guinand



(1) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came Neil Bourgeois to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came Elson Castillo to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came Xiaorong Deng to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(4) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Michael H. Easley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(5) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Rodney E. Gilmour** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(6) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Donald L. Hunter** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(7) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Steven Noel** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

BW

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

=====

(8) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

=====

(9) State of)
 County of) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

=====

(10)

On this ____ day of _____, 2008, before me personally came **Willem P. Westerhuijs** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

=====

(11) State of _____)
 County of _____) ss.:

On this _____ day of _____, 2008, before me personally came Cara J. Hensley to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

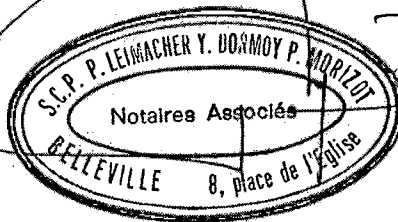
(12)

On this 4 day of DECEMBER, 2008, before me personally came Bruno Guinand to me personally known, or who has produced PASSEPORT 022B468358 as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

DORZOT
 PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

Je soussigné, Philippe Dorzot, notaire à Belleville,
 Certifie par la présente ci-dessus. et celle de Jean Bruno
 Guinand, titulaire du Passeport n. 022B468358.
 Délivré par la préfecture du Rhône, le 30 Août 2002
 Fait à Belleville
 le 4/12/2008



Dor

PATENT

ASSIGNMENT

Whereas, we,

- | | | |
|------|--|--|
| (1) | Neil Bourgeois
Province of Alberta | of Edmonton
and of Canada |
| (2) | Elson Castillo
Province of Alberta | Of Edmonton,
and of Canada, |
| (3) | Xiaorong Deng
Province of Alberta | Of Edmonton,
and of Canada, |
| (4) | Michael H. Easley
County of Harris | Of Katy,
and State of Texas, |
| (5) | Rodney E. Gilmour
Province of Alberta | Of Spruce Grove,
and of Canada, |
| (6) | Donald L. Hunter
County of Harris | Of Pasadena,
and State of Texas, |
| (7) | Steven Noel
Province of Alberta | Of Edmonton,
and of Canada, |
| (8) | Brent Podruzny
Province of Alberta | Of Edmonton
and of Canada, |
| (9) | Mitchell A. Todd
County of Washington | Of Tigard,
and State of Oregon, |
| (10) | Willem P. Westerhuijs | Of Vijfhuizen,
of The Netherlands, |
| (11) | Cara J. Hensley
County of Harris | Of Houston
and State of Texas , and |
| (12) | Bruno Guinand
County of | Of Denice,
and of France |

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which was described and claimed in PCT International Application No. PCT/US2008/80916 filed on October 23, 2008, which claimed priority from U. S. Patent application 60/982,369 filed October 24, 2007; U. S. Patent application 60/982,376 filed October 24, 2007; U. S. Patent application 60/982,373 filed October 24, 2007; U. S. Patent application 60/984,780 filed November 2, 2007; U. S. Patent application 60/984,772 filed November 2, 2007; and U. S. Patent application 11/983056 filed November 5, 2007;

Whereas, Tyco Thermal Controls LLC., a Limited Liability Company of the State of Delaware, having a place of business at 2415 Bay Road, Redwood City, California (hereinafter referred to as Tyco), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to Tyco, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Tyco, its successors and assigns; and we hereby agree that Tyco may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Tyco.

Signed and sealed:

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) _____	_____	_____ Neil Bourgeois
(2) _____	_____	_____ Elson Castillo
(3) _____	_____	_____ Xiaorong Deng

(4) _____

Michael H. Easley

(5) _____

Rodney E. Gilmour

(6) _____

Donald L. Hunter

(7) _____

Steven Noel

(8) _____

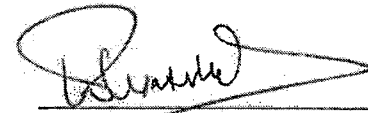
Brent Podruzny

(9) _____

Mitchell A. Todd

(10) Amstelveen The Netherlands

12 dec 2008


Willem P. Westerhuijs

(11) _____

Cara J. Hensley

(12) _____

Bruno Guinand

 (4) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Michael H. Easley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

 (5) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Rodney E. Gilmour** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

 (6) State of _____)
 County of _____) ss.:

On this ____ day of _____, 2008, before me personally came **Donald L. Hunter** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

 (7) Province of Alberta)
 Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Steven Noel** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

 PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(1) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Neil Bourgeois** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(2) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Elsan Castillo** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(3) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Xiaorong Deng** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY

SIGNATURE OF NOTARY

(8) Province of Alberta)
Country of Canada) ss.:

On this ____ day of _____, 2008, before me personally came **Brent Podruzny** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(9) State of)
County of) ss.:

On this ____ day of _____, 2008, before me personally came **Mitchell A. Todd** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

(10)

On this 12 day of December, 2008, before us personally came **Willem P. Westerhuijs** to me personally known, or who has produced Passport as identification, known to us to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

The above signature was witnessed as follows:

Witness Signature:

Date: 12 december 2008

Name: Ted Helder

Address: van Heuvelgordhustaan 121

Amsterdam, The Netherlands

Witness Signature:

Date: 12 december 2008

Name: Klaas Raas

Address: van Heuvelgordhustaan 121

Amsterdam, The Netherlands

(11) State of _____)
County of _____) ss:

On this ____ day of _____, 2008, before me personally came **Cara J. Hensley** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY
=====

(12)

On this ____ day of _____, 2008, before me personally came **Bruno Guinand** to me personally known, or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY
=====



2020
Bogotá D.C.,

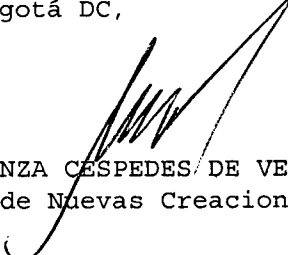
Doctor(a)
CASTILLO BONILLA JERONIMO
Apoderado(a) y/o Representante de
TYCO THERMAL CONTROLS LLC

REFERENCIA	Radicación No.	10 48164
	Solicitud internacional	PCT/US2008/080916
	Fecha inicio fase nacional	24/05/2010
	Trámite	11
	Evento	378
	Actuación	416
	Oficio No.	10659
	Folios	1

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en la Decisión 486 de la Comisión de la Comunidad Andina, el Tratado de Cooperación en Materia de Patentes (PCT), el Reglamento y la Circular Única de la Superintendencia de Industria y Comercio, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial.

Cúmplase
Dado en Bogotá DC,

17 JUN. 2010


ALIX CARMENZA CESPEDES DE VERGEL
Directora de Nuevas Creaciones (c)

adpall