PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2993491

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT FONG	08/19/2014
JAMES ZAHNEN	08/14/2014
RONALD VALLETTE	08/22/2014
MATTHEW CAWOOD	08/15/2014
WILLIAM K. LONGCOR IV	08/19/2014

RECEIVING PARTY DATA

Name:	THOMAS & BETTS INTERNATIONAL LLC
Street Address:	501 SILVERSIDE ROAD
Internal Address:	SUITE 67
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14466439

CORRESPONDENCE DATA

Fax Number: (901)252-1340

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 901-252-8985

Email: robbie.gooch@tnb.com

THOMAS & BETTS CORPORATION **Correspondent Name:**

Address Line 1: 8155 T & B BOULEVARD

Address Line 2: 4B-36

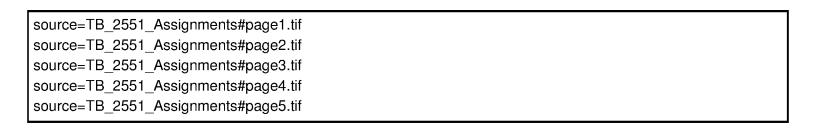
Address Line 4: MEMPHIS, TENNESSEE 38125

ATTORNEY DOCKET NUMBER:	T&B 2551
NAME OF SUBMITTER:	ROBBIE WEBB
SIGNATURE:	/Robbie Webb/
DATE SIGNED:	08/22/2014

Total Attachments: 5

PATENT REEL: 033593 FRAME: 0755

502946893



ASSIGNMENT		
Assignor(s):		
Name: Address: Citizenship:	Robert Fong 2015 Sanbrook Drive, Bethlehem, PA 1 USA	8015
Assignee:	Thomas & Betts International, LLC 501 Silverside Road, Suite 67 Wilmington, DE 19809	
Docket Number Title of Invent Serial No.: Filed:	er: T&B 2551 ion: Torque Controlling Break Screw エールールのトライ モー 2ス・ト	
Including all L	J.S. and Foreign rights, title and interest	in the invention
	EAS, I/We, the above-identified inventor(s above (hereinafter referred to as "Invention) have invented certain new and useful improvements identified ");
	tEAS, Assignee desires to acquire the enti nilar protection to be obtained, worldwide;	ire right, title and interest in the Invention and under the Letters
the receipt of v successors an territories and and/or applical the Invention or reissue, contin extension there countries forei Invention, toge	which is hereby acknowledged, desire to and assigns, all right, title and interest that I/w all foreign countries (I) in and to the Inventition identified above including all priority and or that claim priority thereto including any properties, continuation in part, certificate of relect; and, (iv) in and to any and all Letters P gn thereto which may be granted on the Inventional Control of the I	deration of US\$1.00 and other good and valuable consideration, and do hereby assign sell and transfer unto Assignee, its we may have or possess throughout the United States, its on including any and all copyright therein; (ii) the registration of Convention rights; (iii) any and all proprietary rights arising from rovisional, utility, copyright or design application and any division, rexamination, substitution, derivative work, compilation or relatent or other registration or certificate of the United States and vention or which has granted or exists with respect to the or past infringement thereof, for the full term or terms for which exist;
to applications or copyright ap for making right conveyed or h	for foreign patents or certificates; for filing oplications; for obtaining any reissue of any offul oaths, testifying as needed and other referenter acquired in all countries; and as	necessary and lawful future documents, including but not limited design, division, continuation-in-part, continuation, reexamination Letters Patent which may be granted for the aforesaid Invention; acts to aid Assignee in obtaining and enforcing the rights herein the Assignee or its Designee(s) may from time to time require and iding on my heirs and legal representatives.
NAME		SIGNATURE and DATE
Robert Fong	······································	Poltol 8/19/14
WITNESS		SIGNATURE and DATE

GAIL HUDSON

PATENT REEL: 033593 FRAME: 0757

Hail Hadson 8-19-14

ASSIGNMENT

Assignor(s):

Name:

James Zahnen

Address:

310 Rio Pinar Drive, Ormond Beach, FL 32174

Citizenship:

IISA

Assignee:

Thomas & Betts International, LLC 501 Silverside Road, Suite 67

Wilmington, DE 19809

Docket Number: T&B 2551

Title of Invention: Torque Controlling Break Screw

Serial No.: Filed:

<u> 147466,431</u> 4-72-**8**

including all U.S. and Foreign rights, title and interest in the invention

WHEREAS, I/We, the above-identified inventor(s) have invented certain new and useful improvements identified and described above (hereinafter referred to as "Invention");

WHEREAS, Assignee desires to acquire the entire right, title and interest in the Invention and under the Letters Patent, and similar protection to be obtained, worldwide;

AND, WHEREAS, I/WE, the inventor(s), in consideration of US\$1.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, desire to and do hereby assign sell and transfer unto Assignee, its successors and assigns, all right, title and interest that I/we may have or possess throughout the United States, its territories and all foreign countries (I) in and to the Invention including any and all copyright therein; (ii) the registration and/or application identified above including all priority and Convention rights; (iii) any and all proprietary rights arising from the Invention or that claim priority thereto including any provisional, utility, copyright or design application and any division, reissue, continuation, continuation in part, certificate of reexamination, substitution, derivative work, compilation or extension thereof; and, (iv) in and to any and all Letters Patent or other registration or certificate of the United States and countries foreign thereto which may be granted on the Invention or which has granted or exists with respect to the Invention, together with all rights of action and recovery for past infringement thereof, for the full term or terms for which any and all such patent or other rights may be granted or exist;

AND, I/WE, further agree to sign and execute all necessary and lawful future documents, including but not limited to applications for foreign patents or certificates; for filing design, division, continuation-in-part, continuation, reexamination or copyright applications; for obtaining any reissue of any Letters Patent which may be granted for the aforesaid Invention; for making rightful oaths, testifying as needed and other acts to aid Assignee in obtaining and enforcing the rights herein conveyed or hereinafter acquired in all countries; and as the Assignee or its Designee(s) may from time to time require and prepare at its own expense. This assignment is to be binding on my heirs and legal representatives.

NAME SIGNATURE and DATE

James Zahnen

WITNESS SIGNATURE and DATE

(CARON ZAMON) Har Zahn 3/14/14

ASSIGNMENT

Assignor(s):	* ** *********************************
Name: Address: Citizenship:	Ronald Vallette 1823 Linda Avenue, Ormond Beach, FL 32174 USA
Assignee:	Thomas & Betts International, LLC 501 Silverside Road, Suite 67 Wilmington, DE 19809
Docket Number Title of Invention Serial No.: Filed:	er: T&B 2551 ion: Torque Controlling Break Screw 내가 내려 가장?
Including all U	J.S. and Foreign rights, title and interest in the invention
WHER and described	EAS, I/We, the above-identified inventor(s) have invented certain new and useful improvements identified above (hereinafter referred to as "Invention").
WHER Patent, and sim	EAS, Assignee desires to acquire the entire right, title and interest in the invention and under the Letters nilar protection to be obtained, worldwide;
the receipt of w successors and territories and a and/or applicati the Invention or reissue, continu- extension there countries foreig Invention, toget	NHEREAS, I/WE, the inventor(s), in consideration of US\$1.00 and other good and valuable consideration, which is hereby acknowledged, desire to and do hereby assign sell and transfer unto Assignee, its dissigns, all right, title and interest that I/we may have or possess throughout the United States, its all foreign countries (I) in and to the Invention including any and all copyright therein; (ii) the registration ion identified above including all priority and Convention rights; (iii) any and all proprietary rights arising from that claim priority thereto including any provisional, utility, copyright or design application and any division, uation, continuation in part, certificate of reexamination, substitution, derivative work, compilation or sof; and, (iv) in and to any and all Letters Patent or other registration or certificate of the United States and in thereto which may be granted on the Invention or which has granted or exists with respect to the there with all rights of action and recovery for past infringement thereof, for the full term or terms for which has patent or other rights may be granted or exist;
to applications f or copyright app for making right conveyed or he	WE, further agree to sign and execute all necessary and lawful future documents, including but not limited for foreign patents or certificates; for filing design, division, continuation-in-part, continuation, reexamination blications; for obtaining any reissue of any Letters Patent which may be granted for the aforesaid Invention; ful oaths, testifying as needed and other acts to aid Assignee in obtaining and enforcing the rights herein reinafter acquired in all countries; and as the Assignee or its Designee(s) may from time to time require and wn expense. This assignment is to be binding on my heirs and legal representatives.
<u>NAME</u>	SIGNATURE and DATE
Ronald Vallett	e /m Tal 8/22/2014
WITNESS	SIGNATURE and DATE
MAT CA	1w00) 8/21/14

Assignor(s):	ASSIGNMENT
Name: Address: Citizenship:	Matthew Cawood 1960 De Paul Road, Deleon Springs, FL 32130 USA
Assignee:	Thomas & Betts International, LLC 501 Silverside Road, Suite 67 Wilmington, DE 19809
Serial No.: Filed:	er: T&B 2551 ion: Torque Controlling Break Screw - [타] / 타이 타스크로 - 타이
WHER and described	EAS, I/We, the above-identified inventor(s) have invented certain new and useful improvements identified above (hereinafter referred to as "invention");
WHER Patent, and sin	EAS, Assignee desires to acquire the entire right, title and interest in the Invention and under the Letters nilar protection to be obtained, worldwide;
the receipt of w successors and territories and a and/or applicat the Invention or reissue, continu extension there countries foreig Invention, togei	WHEREAS, I/WE, the inventor(s), in consideration of US\$1.00 and other good and valuable consideration, which is hereby acknowledged, desire to and do hereby assign sell and transfer unto Assignee, its disassigns, all right, title and interest that I/we may have or possess throughout the United States, its all foreign countries (I) in and to the Invention including any and all copyright therein; (ii) the registration ion identified above including all priority and Convention rights; (iii) any and all proprietary rights arising from rights claim priority thereto including any provisional, utility, copyright or design application and any division, uation, continuation in part, certificate of reexamination, substitution, derivative work, compilation or eof; and, (iv) in and to any and all Letters Patent or other registration or certificate of the United States and in thereto which may be granted on the Invention or which has granted or exists with respect to the there with all rights of action and recovery for past infringement thereof, for the full term or terms for which has patent or other rights may be granted or exist;
to applications or copyright applications for making right conveyed or he	WE, further agree to sign and execute all necessary and lawful future documents, including but not limited for foreign patents or certificates; for filing design, division, continuation-in-part, continuation, reexamination plications; for obtaining any reissue of any Letters Patent which may be granted for the aforesaid invention; tful oaths, testifying as needed and other acts to aid Assignee in obtaining and enforcing the rights herein reinafter acquired in all countries; and as the Assignee or its Designee(s) may from time to time require and wn expense. This assignment is to be binding on my heirs and legal representatives.
NAME	SIGNATURE and DATE
Matthew Caw	00d - MATU J Rumer 8/15/14
WITNESS	SIGNATURE and DATE
JOHN TAI	unge 2m 2m 8/15/14

ASSIGNMENT

Assignor(s):

Name:

William K. Longcor, IV

Address:

937 Maple Avenue, Newton, NJ 07860

Citizenship:

USA

Assignee:

Thomas & Betts International, LLC 501 Silverside Road, Suite 67 Wilmington, DE 19809

Docket Number: T&B 2551

Title of Invention: Torque Controlling Break Screw

Serial No.: Filed:

including all U.S. and Foreign rights, title and interest in the invention

WHEREAS, I/We, the above-identified inventor(s) have invented certain new and useful improvements identified and described above (hereinafter referred to as "Invention");

WHEREAS, Assignee desires to acquire the entire right, title and interest in the Invention and under the Letters Patent, and similar protection to be obtained, worldwide:

AND, WHEREAS, I/WE, the inventor(s), in consideration of US\$1.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, desire to and do hereby assign sell and transfer unto Assignee, its successors and assigns, all right, title and interest that I/we may have or possess throughout the United States, its territories and all foreign countries (I) in and to the Invention including any and all copyright therein; (ii) the registration and/or application identified above including all priority and Convention rights; (iii) any and all proprietary rights arising from the Invention or that claim priority thereto including any provisional, utility, copyright or design application and any division, reissue, continuation, continuation in part, certificate of reexamination, substitution, derivative work, compilation or extension thereof; and, (iv) in and to any and all Letters Patent or other registration or certificate of the United States and countries foreign thereto which may be granted on the Invention or which has granted or exists with respect to the Invention, together with all rights of action and recovery for past infringement thereof, for the full term or terms for which any and all such patent or other rights may be granted or exist;

AND, I/WE, further agree to sign and execute all necessary and lawful future documents, including but not limited to applications for foreign patents or certificates; for filing design, division, continuation-in-part, continuation, reexamination or copyright applications; for obtaining any reissue of any Letters Patent which may be granted for the aforesaid Invention; for making rightful oaths, testifying as needed and other acts to aid Assignee in obtaining and enforcing the rights herein conveyed or hereinafter acquired in all countries; and as the Assignee or its Designee(s) may from time to time require and prepare at its own expense. This assignment is to be binding on my heirs and legal representatives.

<u>NAME</u>	SIGNATURE and DATE	
William K. Longcor, IV	What I	8/19/14
WITNESS	SIGNATURE and DATE	,
GAIL HUDSON	Toil Hodron	8/19/14
•	,	

PATENT REEL: 033593 FRAME: 0761

RECORDED: 08/22/2014