n--ket No.: 577-617

FORM PT(p=1595(Modified) RECC 12 - 1	24-2003 U.S. DEPARTMENT OF COMMERCE			
OMB No. 0651-0027 (exp.5/31/2002) P08/REV03 12.15.03	Patent and Trademark Office			
Tab settings A A V				
To the Director of the United States Patent and Trauemark Unice. Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Mark R. Drane	Name and address of receiving party(ies):			
Daniel K. Michaelis	Name: Thomas & Betts International, Inc.			
	Internal Address: Suite 67			
	A TOTAL Address:			
Additional names(s) of conveying party(ies)	10,			
3. Nature of conveyance:				
☐ Assignment ☐ Merger	Street Address: 501 Silverside Road			
☐ Security Agreement ☐ Change of Name				
Other	City: Wilmington State: DE ZIP: 19809			
Execution Date: 12/12/03 and 12/11/03 respectively	Additional name(s) & address(es) attached? Yes No			
4. Application number(a) or potent numbers(a):				
4. Application number(s) or patent numbers(s):				
A. Patent Application No.(s)	B. Patent No.(s)			
	·			
Additional numbers attac	│ :hed? ☐ Yes ⊠ No			
5. Name and address of party to whom correspondence				
concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: R. Glenn Schroeder	7. Total fee (37 CFR 3.41):\$ 40.00			
/ Internal Address: Suite 200	☐ Enclosed - Any excess or insufficiency should be			
12/23/2003 LMUELLER 00000224 200776 10736115	credited or debited to deposit account			
01 FC:8021 40.00 BA	Authorized to be charged to deposit account			
Street Address: 6900 Jericho Turnpike	8. Deposit account number:			
	20-0776			
City: Syosset State: NY ZIP: 11791	(Attack dualizate convertible			
	(Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE			
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Betsy Kingsbury Dowd	December 15, 2003			
Name of Person Signing	Signature Date			
Total number of pages including cover sheet, attachments, and document:				

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)		Docket No. 577-617 (T&B 1748)		
This is an Assignment of the following rights, title and interest: (check all that apply):				
\boxtimes	United States of America rights, title	and interest in the invention		
\boxtimes	Foreign rights, title and interest in th	ne invention		
	United States Patent Application Ser	ial No.		
	Date of Execution:	Date of Filing:		
	United States Provisional Patent Application Serial No.			
	United States Patent No(s).			
	International (PCT) Patent Application Serial No.			
	Other (specify)			
Title of the 1	Invention			
Inventors (a.	ssignors)			
	Name	Address		
Mark R. Dr	ane	6971 Bent Creek Drive, Germantown, Ten	nessee 38138	
		325 Green Trail Cove, Cordova, Tennesse	ee 38018	
Assignee				
Name Address				
Thomas &	Betts International, Inc.	501 Silverside Road, Suite 67 Wilmington, DE 19809		

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AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 577-617 (T&B 1748)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Mark R. Drane	
Daniel K. Michaelis	

[Page 2 of 3]

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 577-617 (T&B 1748)

Notarization (Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)		
Executed this 12 TH day of DECEMBER at Memphis, Tennessee	, in the year 2003	
	Mark R. Drane (Signature of Inventor)	
State of Tennessee	,	
County of Shelby A. MITCH	,	
Before me personally appeared Mark & Grane		
	act and deed and also represented that he or she is authorized to	
execute the same this CAR day of Decim	Let, in the year 2003	
COUNTY MINISTER	Lucia a. Intchell	
Executed this day of December	, in the year 2003	
at Memphis, Tennessee		
	Und K / Much C (Signature of Inventor)	
State of Tennessee	(Signature of Inventor)	
execute the same this BLIC! (the day of I) Cl WI	act and deed and also represented that he or she is authorized to she is a she is	
Executed this day of at	, in the year	
State of	(Signature of Inventor)	
County of		
Before me personally appeared who acknowledged the foregoing instrument to be a free execute the same this day of	act and deed and also represented that he or she is authorized to , in the year	
	(Notāry Public)	
	, , , , , , , , , , , , , , , , , , , ,	

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PATENT REEL: 014816 FRAME: 0985