FORM PTO-1619A Expires 06/30/99

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OMB 0652,0027

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U.S. Department of Commerce Patent and Trademark Office PATENT

101109282 RECORDATION FORM COVER SHEET

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Name (line 1)	Christopher C. Lanham				07/26/1999
Name (line 2)					1
Second Party					Execution Date Month Day Year
•	Rolando O. Juliano				07/28/1999
Name (line 2)					
Receiving P	arty		Mark if additiona	I names of receiv	ing parties attached
Name (line 1)	Watlow Electric Manufacturing Com	pany			If document to be recorded is an assignment and the
Name (line 2)			· · · · · · · · · · · · · · · · · · ·		receiving party is not domiciled in the United States, an appointment
Address (line 1)	12001 Lackland				of a domestic representative is attached. (Designation must be a
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Page 2

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OMB 0651-0027		PATENT
Correspond	lent Name and Address Area Code and Telephone Number (314) 231-6700	
Name	Matthew A. Rosenberg	
Address (line 1)	One City Centre - 24th Floor	
Address (line 2)	515 North Sixth Street	
Address (line 3)	St. Louis, Missouri 63101-2409	
Address (line 4)		
Pages	Enter the total number of pages of the attached conveyance document including any attachments.	3
Application	Number(s) or Patent Number(s) Mark if additional number	rs attached
	he Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same pro	oerty).
09/316,803	tent Application Number(s) Patent Number(s)	
	is being filed together with a new Patent Application, enter the date the patent application was	th Day Year
	is being filed together with a new Patent Application, enter the date the patent application was st named executing inventor.	th Day Year
Patent Coop	peration Treaty (PCT)	
	er PCT application number	
	ria U.S. Application Number PCT PCT PCT PCT PCT	
Number of P	Properties Enter the total number of properties involved. # 1	
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41): \$ \$40.	00
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Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)		
	Deposit Account Number: # 03-09	
	Authorization to charge additional fees: Yes	No
Statement and Signature		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.		
Matthew A. Rose	enberg Mathalla G	7/30/99
	<u> </u>	Date

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

Docket No. 5608-122

This is an A:	ssignment of the following rights, ti	tle and interest: (check all that apply):	78 XX		
X	United States of America rights, title and interest in the invention				
\boxtimes	Foreign rights, title and interest in the invention		Ado a C 1999		
X	United States Patent Application S	Serial No. 09/316,803			
	Date of Execution:	Date of Filing: May 21,	1999		
	United States Provisional Patent A	Application Serial No.			
	United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the Invention METHOD AND APPARATUS FOR PREDICTING HEATER FAILURE					
Inventors (a	ssignors) Name	Addres.	c		
Christopho	r C. Lanham	202 Towerwood Dr., O'Fallon, MO 63			
Rolando O		2 Surrey Hills, Hannibal, MO 63401	1300		
Assignee					
	Name	Addres	s		
Watlow Ele	ectric Manufacturing Company	12001 Lackland St. Louis, MO 63146			

PATENT AS03 REEL: 010139 FRAME: 0136

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

Docket No. 5608-122

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 Commissioner of Patents and Trademarks 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
Shristopher C. Lanham	
Rolando O. Juliano	

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

Docket No. 5608-122

	<u>Notarization</u>
(Although notarization is not necessary, it will be considered pr	ima facie evidence of execution pursuant to 35 U.S.C. 261.)
Executed this Ho day of July at Commerce BANK	, in the year 1999
State of M. SSUN.	(Signature of Inventor)
County of 52 LOUIS	
Before me personally appeared Christopher C. Lanham who acknowledged the foregoing instrument to be a free coute the same this day of T. St. M.690 Jefferson County My Commission Expires: Ma	
Executed this 28th day of JULY	, in the year 1999
at	remo sunom
State of	(Signature of Inventor)
County of	
Before mapersonally appeared Rolando O. Juliano who acknowledged the foregoing instrument to be a freexecute the same this $\mathcal{J}_{\mathcal{E}}^{VL}$ day of	e act and deed and also represented that he or she is authorized to , in the year 1999
REBECCA A. PETERS NOTARY PUBLIC - NOTARY SEAL	(Notary Public)
STATE OF MISSOURI Execute MARION COUNT of MY COMMISSION EXPIRES FEBRUARY 27, 2001	, in the year
	(Signature of Inventor)
State of	
County of	
	e act and deed and also represented that he or she is authorized to
execute the same this day of	, in the year
	(Notary Public)