Comparable to Form PTO-1619A-B R 02 - 03 - Expires 06/03/99 OMB0651-0027	Patent and Trademark Office			
TO: Mail Stop Assignments, Direct Please record the attached or. 102660	v 1450 Alexandria VA 22212 1450			
SUBMISSION TYPE CONVEYANCE TYPE				
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☐ Corrective Document  Reel # Frame#	(For Use ONLY by U.S. Government Agencies) ☐ Department File ☐ Secret File			
CONVEYING PARTY(IES): (Last name first)  Execution Date	RECEIVING PARTY: Name: Modine Manufacturing Company			
Robert S. Cooley November 30, 2001 Jill M. Szczech November 30, 2001	Address: 1500 DeKoven Avenue City: Racine			
Gary A. Smith November 30, 2001	State: WI Zip Code: 53403			
Mark if additional names of conveying parties attached □	Mark if additional names of receiving parties attached			
APPLICATION NUMBER(S) OR PATENT NUMBER(S)  Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named inventor:  00/00/00				
Patent Application Number(s):	Patent Number(s):			
10/021,593	7FIN			
Patent Application Number(s):  10/021,593  TOTAL NUMBER OF PROPERTIES: Enter the total number of properties involved:  One of				
PATENT COOPERATION TREATY (PCT): Enter PCT application number only if a U.S. Application Number has not been assigned:	NUMBER OF PAGES: Enter the total number of pages contained in the conveyance document including any attachment(s). DO NOT include the Recordation Form Cover Sheet pages in this total.			
CORRESPONDENT NAME AND ADDRESS: Wood, Phillips, Katz, Clark & Mortimer Citicorp Center, Suite 3800 500 West Madison Street Chicago, Illinois 60661-2511 (312) 876-1800	FEE AMOUNT: Total Fee (37 CFR 3.41) \$40.00  ☐ Enclosed  ☐ Charge to Deposit Account 23-0785  ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account 23-0785.			
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 herein indicated.  72004 LMUELLER 00000064 230785 10021593				
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Nora T. Wesley Name of Person Signing	Signature 01-26-04 Date			

655.01026

**PATENT** REEL: 014933 FRAME: 0443

## ASSIGNMENT

Serial	No.	10/02	21,	593
		ember		

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to		
MODINE MANUFACTURING COMPANY ,		
its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled,		
ENCLOSURE FOR AN INFRARED HEATER		
executed by the undersigned on the <u>30th</u> day of <u>November2001</u> , and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely o jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof		

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same should have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

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the International Convention, and agrees to connection with any application for foreign	execute, at the request of said assignee, all documents in letters patent therefor.
	Robert S. Cooley
	Jil M. Szgech
	Sary A. Smith  Gary A. Smith
November 30 , 20 <u>01</u>	
COUNTY OF RACINE	
ROBERT S. COOLEY, JILL I	or the County and State aforesaid, appeared
to me personally known to be the signer, of execution of said instrument as a free and v	or signers, of the foregoing instrument, and acknowledged voluntary act for the uses and purposes therein expressed.
	Notary Public Commission Expires: 11/17/2002

WOOD, PHILLIPS, VanSANTEN, CLARK & MORTIMER 500 West Madison Street, Suite 3800 Chicago, Illinois 60661-2511

**RECORDED: 01/29/2004** 

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