

03-14-2005

Comparable to Form PTO-1619A-B  
Expires 06/03/99  
OMB0651-0027

R



HEET

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

TO: Mail Stop Assignments, Director, 102957858 Box 1450, Alexandria, VA 22313-1450  
Please record the attached original document(s) or copy(ies).

**SUBMISSION TYPE**

- New
- Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_
- Correction of PTO Error  
Reel # \_\_\_\_\_ Frame# \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame# \_\_\_\_\_

**CONVEYANCE TYPE**

- Assignment  Security Agreement
  - License  Change of Name
  - Merger  Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
 Department File  Secret File

**CONVEYING PARTY(IES):** (Last name first)

Brost, Viktor  
Strähle, Roland  
Eckert, Thomas

Execution Date

May 28, 2004  
May 12, 2004  
June 7, 2004

**RECEIVING PARTY:**

Name: Modine Manufacturing Company  
Address: 1500 DeKoven Avenue  
City: Racine  
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)**

Mark if additional numbers attached

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):**

10/865,295

**Patent Number(s):**

OPR/FINANCE  
MAR 10 PM 3:19

**TOTAL NUMBER OF PROPERTIES:** Enter the total number of properties involved: \_\_\_\_\_

One

**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.

2

**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.

40.00 DP

**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.

Karen A. Sanderson

*Karen A. Sanderson*

March 7, 2005

Name of Person Signing

Signature

Date

03/14/2005 EDCRPR 20000000 1064395  
01 FCE0021

00655P1249US

**PATENT**  
**REEL: 016343 FRAME: 0643**

# A S S I G N M E N T

Serial No. 10/865,295

Filed June 9, 2004

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, \_\_\_\_\_

**EXHAUST HEAT EXCHANGER**

executed by the undersigned on the 7<sup>th</sup> day of June, 2004, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or 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.

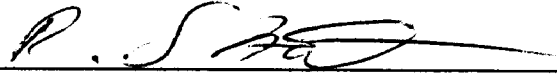
And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

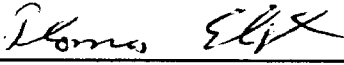
05/29/04  
Date

  
Viktor Brost

12.05.04  
Date

  
Roland Strähle

07.06.04  
Date

  
Thomas Eckert

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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