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FORM PTO-1595
(Rev. 6-93)

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102803849

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Names of conveying parties:

- 1) MARK G. VOSS
- 2) FRANK N. JARRETT
- 3)
- 4)
- 5)
- 6)

Additional names of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: MODINE MANUFACTURING COMPANY

Internal Address: _____

Street Address: 1500 DEKOVEN AVENUECity: RACINEState WIZip: 53403Additional names & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other _____

Execution Dates:

- 1) JULY 8, 2004 4) _____
- 2) JULY 8, 2004 5) _____
- 3) _____ 6) _____

4. Application number(s) or registration number(s):

108975332

If this document is being filed together with a new application,
the filing date of the application is JULY 23, 2004.

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Seed Intellectual Property Law Group PLLCInternal Address: KEVIN S. COSTANZAStreet Address: 701 Fifth Avenue, Suite 6300City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved.....

1

7. Total Fee (37 CFR 3.41): \$40

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-1090

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.*KEVIN S. COSTANZA

Name of Person Signing

Signature

JULY 23, 2004

Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT


WHEREAS, we, Mark G. Voss and Frank N. Jarrett (hereinafter referred to as ASSIGNORS), having mailing addresses of 2855 Twin Waters Lane, Franksville, WI 53126 and 5801 Spring Street, Racine, WI 53406, respectively, are the joint inventors (along with Gerhard Schmidt) of an invention entitled "SYSTEMS AND METHODS FOR CONTROLLING COOLING FLUID TEMPERATURE IN A FUEL CELL ENGINE," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims the benefit of U.S. Provisional Application No. 60/490,362, filed on July 24, 2003;

WHEREAS, Modine Manufacturing Company (hereinafter referred to as ASSIGNEE), a corporation of the State of Wisconsin having a place of business at 1500 DeKoven Avenue, Racine, WI 53403, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

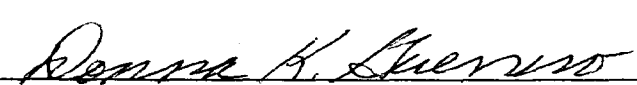
patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

July 8, 2004
Date

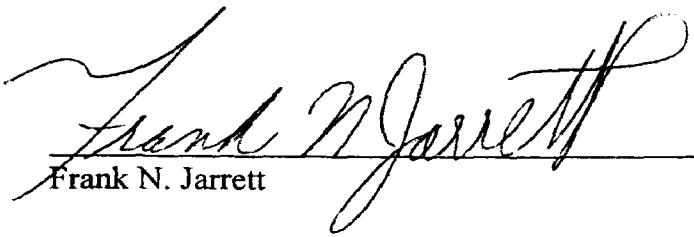

Mark G. Voss

State of WISCONSIN)
County of RACINE) ss.

I certify that I know or have satisfactory evidence that Mark G. Voss is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated JULY 8, 2004
Signature of Notary Public 
Printed Name DONNA K. GUERRERO
My appointment expires NOVEMBER 12, 2006

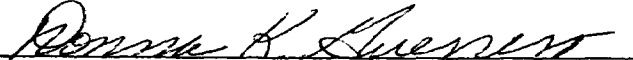
July 8, 2004
Date


Frank N. Jarrett

State of WISCONSIN)
County of RACINE) ss.

I certify that I know or have satisfactory evidence that Frank N. Jarrett is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated JULY 8, 2004

Signature of Notary Public 

Printed Name DONNA K. GUERRERO

My appointment expires NOVEMBER 12, 2006

ASSIGNMENT

WHEREAS, I, Gerhard Schmidt (hereinafter referred to as ASSIGNOR), having a mailing address of 3737 West 12th Avenue, Vancouver, B.C., Canada V6R 2N7, am a joint inventor/applicant (along with Mark G. Voss and Frank N. Jarrett) of an invention entitled "SYSTEMS AND METHODS FOR CONTROLLING COOLING FLUID TEMPERATURE IN A FUEL CELL ENGINE," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims the benefit of U.S. Provisional Application No. 60/490,362, filed on July 24, 2003;

WHEREAS, Ballard Power Systems Inc. (hereinafter referred to as ASSIGNEE), a Canadian corporation having a business address at 4343 North Fraser Way, Burnaby, B.C., Canada V5J 5J9, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

13-7-04
Date

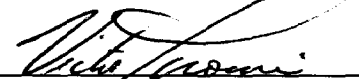

Gerhard Schmidt

City of Burnaby

Province of British Columbia

I certify that I know or have satisfactory evidence that Gerhard Schmidt is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated July 13, 2004

Signature of
Notary Public 

Printed Name VICTOR TUOMI

My appointment does not expire _____