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Form PTO-1505		REC AUG 24 1998	09-01-1998	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office						
To the Honorable Commissioner of Patents and Trademarks:		100803755								
<p>1. Name of conveying party(ies)</p> <p>Jacob H. Hall David L. Henderson Jeffrey A. Leep</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: RHEEM MANUFACTURING COMPANY</p> <p>Internal Address:</p> <p>Street Address: 405 Lexington Avenue-22nd Floor New York, New York 10174</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>								
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other _____</p> <p>Execution Date: July 1, 1998</p>										
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="1"><tr><td>A. Patent Application No.(s)</td><td>B. Patent No.(s)</td></tr><tr><td>09/109,604</td><td></td></tr></table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>					A. Patent Application No.(s)	B. Patent No.(s)	09/109,604			
A. Patent Application No.(s)	B. Patent No.(s)									
09/109,604										
<p>01 FC:501</p> <p>Name and address of party to whom correspondence concerning document should be mailed:</p> <p>J. Richard Konneker, Esq. Registration No. 28,867 KONNEKER & SMITH, P.C. 660 N. Central Expwy., Ste. 230 Plano, Texas 75074-5479</p>		<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Any deficiencies or overpayments are authorized to be charged to or credited to deposit account</p> <p>8. <input checked="" type="checkbox"/> Authorization is hereby given to charge any fee deficiencies, or to credit any overpayment to Deposit Account No. 11-1543.</p>								
DO NOT USE THIS SPACE										
<p>9. Statement and signature.</p> <p>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.</p> <table border="1"><tr><td>J. Richard Konneker</td><td><i>J. Richard Konneker</i></td><td>8/20/98</td></tr><tr><td>Name of Person Signing</td><td>Signature</td><td>Date</td></tr></table> <p>Total number of pages comprising cover sheet: 4</p>					J. Richard Konneker	<i>J. Richard Konneker</i>	8/20/98	Name of Person Signing	Signature	Date
J. Richard Konneker	<i>J. Richard Konneker</i>	8/20/98								
Name of Person Signing	Signature	Date								

OMB No. 0851-0011 (exp. 4/94) (Form 13915.01)

PATENT APPLICATION
Docket No.: RHHW-0059

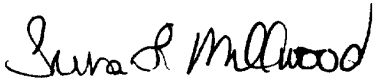
ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

Jacob H. Hall
David L. Henderson
Jeffrey A. Leep

Hereby sell, assign and transfer to RHEEM MANUFACTURING COMPANY, (hereinafter referred to as the Assignee), a corporation of the state of Delaware, having a place of business at 405 Lexington Avenue - 22nd Floor, New York, New York 10174, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, said application having been executed on July 1, 1991, and entitled "DIAGNOSTIC SYSTEM FOR A FUEL-FIRED WATER HEATER", and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and


NOTARY PUBLIC STATE OF ALABAMA AT LARGE.
MY COMMISSION EXPIRES: Feb. 10, 2001.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

PATENT
REEL: 9408 FRAME: 0390

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, we have duly executed this assignment this 1st day of July, 1998.

Jacob H. Hall

David L. Henderson

Jeffrey A. Leep

STATE OF ALABAMA)
) S.S.
COUNTY OF Montgomery)

BEFORE ME, the undersigned authority, on this day personally appeared Jacob H. Hall, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day of July, 1998.

Notary Public

**My Commission Expires: MAY 15, 2001 AT LARGE.
MY COMMISSION EXPIRES: Feb. 10, 2001.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.**

S E A L

COUNTY OF Montgomery)

BEFORE ME, the undersigned authority, on this day personally appeared David L. Henderson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day of July, 1998.

Sara J. McLeod
Notary Public

My Commission Expires:
NOTARY PUBLIC STATE OF ALABAMA AT LARGE.
MY COMMISSION EXPIRES: Feb. 10, 2001.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

S E A L

COUNTY OF Montgomery

BEFORE ME, the undersigned authority, on this day personally appeared Jeffrey A. Leep, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day
of July, 1998.

Euna J. Millwood
Notary Public

My Commission Expires:
NOTARY PUBLIC STATE OF ALABAMA AT LARGE.
MY COMMISSION EXPIRES: Feb. 10, 2001.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

S E A L