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

1. Name of conveying party(ies):

DAVID G. RACINE

Additional name(s) of conveying party(ies) attached?
[] Yes [X] No

2. Name and address of receiving party(ies):

WISCONSIN ELECTRIC POWER COMPANY
(WEPCO)
231 West Michigan Street
P.O. Box 2046
Milwaukee, Wisconsin 53201-2046, USA

3. Nature of Conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____Additional name(s) and address(es) attached?
[] Yes [X] NoExecution Dates: May 17, 1999

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

If this document is being filed with a new application, the execution date of the application is _____

A. Patent Application No(s).

B. Patent No(s).

09/315,916

Additional numbers attached? [] Yes [X] No

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

Michael E. Taken
ANDRUS, SCEALES, STARKE & SAWALL, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, WI 532026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00
[X] Enclosed
[X] Authorized to charge Deposit Account8. Deposit Account No. 01.2000
(Attach duplicate copy of this page if paying by Deposit Account)

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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.

Karen Nestler

Name of Person Signing

Karen Nestler
Signature7/7/99
DateTotal number of pages including cover sheet, attachments and document: 5

OMB No. 0651-0011 (exp. 4/94)

PATENT
REEL: 010074 FRAME: 0625

ASSIGNMENT

I, identified below as the "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed by me and bearing the following title and for which the Assignee under this agreement or the attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: MILL DOOR IN COAL-BURNING UTILITY ELECTRICAL POWER
GENERATION PLANT

Serial Number: 09/315,916

Filing Date: May 20, 1999

For good and valuable consideration, I do hereby sell, assign, and transfer to Wisconsin Electric Power Company (WEPCO) ("Assignee"), a corporation organized under the laws of the State of Wisconsin, and located and doing business at 231 West Michigan, P.O. Box 2046, Milwaukee, Wisconsin 53201-2046 and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. Assignee shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: David G. Racine Date: 5/17/99
(Signature)

Name typed or printed: DAVID G. RACINE.
Address: 990 Wabash Street
Ishpeming, Michigan 49849

State of Michigan)
) ss
County of Marquette)

On this 17th day of May, 1999, before me personally appeared said David G. Racine, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Janet M. Skiley
Notary Public
My Commission expires: 8-7-99