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

1. Name of conveying party(ies): 06/20/01
   STEVEN L. PEARSON
   MARK L. HERMAN
   SCOTT L. HANSEN
   MARVIN L. FOX
   Additional name(s) of conveying party(ies) attached? □ YES □ NO

3. Nature of conveyance:
   □ Assignment  □ Merger  □ Security Agreement  □ Change of Name  □ Other
   Execution Date: June 21, 2000

4. Application number(s) or patent number(s): APPLICATION #60/213,030  DOCKET #us19990054
   If this document is being filed together with a new application, the execution date of the application is:
   A. Patent Application No.(s) 09/88 5643
      Additional numbers attached? □ Yes □ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   THOMAS J. ROTH
   WHIRLPOOL PATENTS CO.
   Internal Address: MD0750
   Street Address: 500 RENAISSANCE DR., SUITE 102
   City: ST. JOSEPH  St: MI  ZIP: 49085

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $ 40.00
   □ Enclosed  □ Authorized to be charged to deposit account

8. Deposit account number:
   23-1660

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.
   THOMAS J. ROTH
   Name of Person Signing
   Signature
   Date 6/20/01

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks Box Assignment: Washington, D.C. 20231

07/09/2001  JJILLIEE 88000000 221660 0945643
01 FC5581 40.00 CH

PATENT
REEL: 011946 FRAME: 0406
ASSIGNMENT

Serial No. 60/213,030
Filed 06/21/00

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 WHIRLPOOL CORPORATION (a Delaware corporation) 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 "A METHOD AND APPARATUS FOR POWER LOSS DETECTION AND SAVING OF OPERATION SETTINGS IN AN APPLIANCE" executed by the undersigned on the 21st day of June, 2000, the 21st day of June, 2000, and the 21st day of June, 2000, and they 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 Letters 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 would 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.

June 21st, 2000

STATE OF Michigan
COUNTY OF Berrien

Before me, a Notary Public in and for the County and State aforesaid, appeared STEVEN L. PEARSON to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

STEVEN L. PEARSON

Notary Public

BARBARA L. KATOVICH
Notary Public, Berrien County, Michigan
By Commission Expires Oct. 5, 2001

PATENT
REEL: 011946 FRAME: 0407
MARK L. HERMAN

STATE OF Michigan
COUNTY OF Berrien

Before me, a Notary Public in and for the County and State aforesaid, appeared MARK L. HERMAN to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

SCOTT L. HANSEN

STATE OF Michigan
COUNTY OF Berrien

Before me, a Notary Public in and for the County and State aforesaid, appeared SCOTT L. HANSEN to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

MARVIN L. FOX

STATE OF Michigan
COUNTY OF Berrien

Before me, a Notary Public in and for the County and State aforesaid, appeared MARVIN L. FOX to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Barbara L. Katoch
Notary Public

REEL: 011946 FRAME: 0408

RECORDED: 06/20/2001