

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|-----------------------------------|---------------|----------------|---------------------|------------|----------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FARHAD ASHRAFZADEH</td> <td>04/16/2012</td> </tr> <tr> <td>BRAIN P. JANKE</td> <td>04/16/2012</td> </tr> <tr> <td>PETER E. ZASOWSKI</td> <td>05/08/2012</td> </tr> </tbody> </table> | | Name | Execution Date | FARHAD ASHRAFZADEH | 04/16/2012 | BRAIN P. JANKE | 04/16/2012 | PETER E. ZASOWSKI | 05/08/2012 |
| Name | Execution Date | | | | | | | | |
| FARHAD ASHRAFZADEH | 04/16/2012 | | | | | | | | |
| BRAIN P. JANKE | 04/16/2012 | | | | | | | | |
| PETER E. ZASOWSKI | 05/08/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | WHIRLPOOL CORPORATION | | | | | | | | |
| Street Address: | 2000 NORTH M-63 | | | | | | | | |
| Internal Address: | MD 2200 | | | | | | | | |
| City: | BENTON HARBOR | | | | | | | | |
| State/Country: | MICHIGAN | | | | | | | | |
| Postal Code: | 49022 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13469125</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13469125 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13469125 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | SUB-02345-US-NP | | | | | | | | |
| NAME OF SUBMITTER: | MICHAEL D. LAFRENZ | | | | | | | | |
| Total Attachments: 3 source=SUB-02345-US-NPasn#page1.tif source=SUB-02345-US-NPasn#page2.tif source=SUB-02345-US-NPasn#page3.tif | | | | | | | | | |

OP \$40.00 13469125

PATENT ASSIGNMENT - WORLDWIDE

In accord with (my/our) obligations by law and/or agreement, and/or for good and valuable consideration, the receipt and sufficiency of are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment,

Name(s)
of Inventor(s)

FARHAD ASHRAFZADEH of STEVENSVILLE, MI,
BRIAN P. JANKE of SAINT JOSEPH, MI, and
PETER E. ZASOWSKI of YANTIS, TX,

inventors(s) and originators of an invention entitled

Title of
Application

EFFICIENT ENERGY USAGE FOR A LAUNDRY APPLIANCE, (Invention)

which is the subject of

- an application for a United States Patent filed on _____ and having Application Number _____ (Application), or
- an application for a United States Patent executed concurrently herewith (Application),

hereby sell(s), assign(s), and set(s) over to

Name of
Assignee

Whirlpool Corporation

Address of
principal
place of
business

2000 N M-63
Benton Harbor, Michigan 49022, U.S.A.

Insert State of
Incorporation

a corporation of Delaware

(hereinafter designated as the Assignee), [my/our] entire right, title, and interest in, and to the Invention, including the Application, all priority rights arising therefrom, all subject matter and inventions therein disclosed, all improvements arising therefrom, and all applications, patents, certificates, registrations, divisions, continuations, extensions, reexaminations, or reissues arising therefrom in any and all countries or jurisdictions, including the right to recover damages and other relief for past and future infringements thereof.

(I/we) agree that on request and without further consideration, but at the expense of the Assignee, (I/we) will communicate to the Assignee or its representatives or nominees any facts known to (me/us) respecting the invention and improvements, and (I/we) further agree to testify in any legal proceeding, to sign all lawful papers, to execute all divisional, continuation, reexamination and reissue applications, to make all rightful oaths, to sign any lawful petitions or lawful affidavits, and generally to do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain, perfect, and enforce legal rights, including patent protection, for the invention and its improvements in all countries and jurisdictions.

(I/we) hereby authorize and request any official whose duty it is to issue patents or other documents evincing legal rights arising from the Invention and the Application, to issue any such patent or other document to the Assignee or such other entity specified by the Assignee, and (I/we) further hereby covenant that (I/we) have full right to convey the interest herein assigned, that the assigned right is not encumbered by any grant, license, or other right previously given, and that (I/we) have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNMENT TO WHIRLPOOL CORPORATION

Attorney Docket No.: SUB-02345-US-NP

(I/we) hereby grant to the attorney of record in the United States Patent and Trademark Office the power to insert on this assignment any further identification which may be necessary, or required in order to comply with the rules of any jurisdiction for recordation of this document.

Signature: *F. Ashraf* Date: 04/16/12
FARHAD ASHRAFZADEH

Witnessed by: _____ Date: 04/16/12
Signature
Ali Buendia
Printed Name of Witness

Signature: *Brian Janke* Date: 4/16/12
BRIAN P. JANKE

Witnessed by: _____ Date: 4/16/12
Signature
Ali Buendia
Printed Name of Witness

Signature: _____ Date: _____
PETER E. ZASOWSKI

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

(I/we) hereby grant to the attorney of record in the United States Patent and Trademark Office the power to insert on this assignment any further identification which may be necessary, or required in order to comply with the rules of any jurisdiction for recordation of this document.

Signature: FARHAD ASHRAFZADEH Date: _____

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Signature: BRIAN P. JANKE Date: _____

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Signature: PETER E. ZASOWSKI Date: 5-8-2012

Witnessed by: Keely Pesara Date: 5-8-2012
Signature

Printed Name of Witness