

PATENT ASSIGNMENT

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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>Mr. Alberto Regio Gomes</td> <td>05/14/2012</td> </tr> <tr> <td>Mr. Stephen L. Keres</td> <td>05/14/2012</td> </tr> <tr> <td>Mr. Steven J. Kuehl</td> <td>05/14/2012</td> </tr> <tr> <td>Mr. Andrew D. Litch</td> <td>05/14/2012</td> </tr> <tr> <td>Mr. Peter J. Richmond</td> <td>05/16/2012</td> </tr> <tr> <td>Mr. Guolian Wu</td> <td>05/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Alberto Regio Gomes	05/14/2012	Mr. Stephen L. Keres	05/14/2012	Mr. Steven J. Kuehl	05/14/2012	Mr. Andrew D. Litch	05/14/2012	Mr. Peter J. Richmond	05/16/2012	Mr. Guolian Wu	05/14/2012
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Mr. Peter J. Richmond	05/16/2012														
Mr. Guolian Wu	05/14/2012														
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>13476435</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13476435										
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Application Number:	13476435														
CORRESPONDENCE DATA															
Fax Number:	(269)923-5778														
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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ATTORNEY DOCKET NUMBER:	PAT-00088-US-NP														

OP \$40.00 13476435

NAME OF SUBMITTER:

Michael D. Lafrenz

Total Attachments: 4

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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) _____ Alberto Regio Gomes _____ of _____ St. Joseph, Michigan _____
 _____ Stephen L. Keres _____ of _____ Watervliet, Michigan _____
 _____ Steven J. Kuehl _____ of _____ Stevensville, Michigan _____
 _____ Andrew D. Litch _____ of _____ St. Joseph, Michigan _____
 _____ Peter J. Richmond _____ of _____ Berrien Springs, Michigan _____, and
 _____ Guolian Wu _____ of _____ St. Joseph, Michigan _____

inventors(s) and originators of an invention entitled

Title of Application SYNCHRONOUS TEMPERATURE RATE CONTROL FOR REFRIGERATION WITH REDUCED ENERGY CONSUMPTION.

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.: PAT-00088-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: _____ Date: _____
ALBERTO REGIO GOMES

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Signature: _____ Date: _____
STEPHEN L. KERES

Witnessed by: _____ Date: _____

Signature: _____ Date: _____
STEVEN J. KUEHL

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Signature: _____ Date: _____
ANDREW D. LITCH

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Signature: *Peter J. Richmond* Date: 5/16/12
PETER J. RICHMOND

Witnessed by: *Jim Carlson* Date: 5/16/12
Signature

Printed Name of Witness
Jim Carlson

(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: Alberto Regio Gomes Date: 05/14/2012
ALBERTO REGIO GOMES

Witnessed by: Rhonda Immoos Date: May 14 2012
Signature

Rhonda Immoos
Printed Name of Witness

Signature: Stephen L. Keres Date: 05/14/12
STEPHEN L. KERES

Witnessed by: Rhonda Immoos Date: May 14 2012
Signature

Rhonda Immoos
Printed Name of Witness

Signature: Steven J. Kuehl Date: 5/14/2012
STEVEN J. KUEHL

Witnessed by: Rhonda Immoos Date: May 14 2012
Signature

Rhonda Immoos
Printed Name of Witness

Signature: Andrew D. Litch Date: 5/14/2012
ANDREW D. LITCH

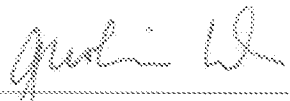
Witnessed by: Rhonda Immoos Date: May 14 2012
Signature

Rhonda Immoos
Printed Name of Witness

Signature: _____ Date: _____
PETER J. RICHMOND

Witnessed by: _____ Date: _____
Signature

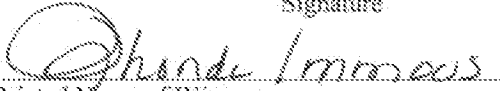
Printed Name of Witness

Signature: 
GUOLIAN WU

Date: 5/14/12

Witnessed by: 
Signature

Date: May 14 2012


Printed Name of Witness