

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>Matthew P. Ebrom</td><td>01/17/2008</td></tr><tr><td>Wallace J. Elston III</td><td>01/17/2008</td></tr><tr><td>Mark E. Glotzbach</td><td>01/17/2008</td></tr><tr><td>Anthony E. Jenkins</td><td>01/21/2008</td></tr><tr><td>Richard A. McCoy</td><td>01/17/2008</td></tr><tr><td>Phillip A. Molloy</td><td>01/18/2008</td></tr></tbody></table>	Name	Execution Date	Matthew P. Ebrom	01/17/2008	Wallace J. Elston III	01/17/2008	Mark E. Glotzbach	01/17/2008	Anthony E. Jenkins	01/21/2008	Richard A. McCoy	01/17/2008	Phillip A. Molloy	01/18/2008	
Name	Execution Date														
Matthew P. Ebrom	01/17/2008														
Wallace J. Elston III	01/17/2008														
Mark E. Glotzbach	01/17/2008														
Anthony E. Jenkins	01/21/2008														
Richard A. McCoy	01/17/2008														
Phillip A. Molloy	01/18/2008														
RECEIVING PARTY DATA															
Name:	Whirlpool Corporation														
Street Address:	2000 M-63 North														
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>11931146</td></tr></tbody></table>	Property Type	Number	Application Number:	11931146											
Property Type	Number														
Application Number:	11931146														
CORRESPONDENCE DATA															
Fax Number:	(616)742-1010														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	616-742-3500														
Email:	mlm@mcgarrybair.com														
Correspondent Name:	McGarry Bair PC														
Address Line 1:	32 Market Avenue, SW														
Address Line 2:	Suite 500														
Address Line 4:	Grand Rapids, MICHIGAN 49503														
ATTORNEY DOCKET NUMBER:	US20060428-1/71354-0667														

CH \$40.00 11931146

500447074

PATENT
REEL: 020409 FRAME: 0162

NAME OF SUBMITTER:

Joel E. Bair

Total Attachments: 4

source=G0349764#page1.tif

source=G0349764#page2.tif

source=G0349764#page3.tif

source=G0349764#page4.tif

Joint
Corporation

ASSIGNMENT

WHEREAS, Matthew P. Ebrom, Wallace J. Elston III, Mark E. Glotzbach, Anthony E. Jenkins, Richard A. McCoy and Phillip A. Molloy residing, respectively, at 384 Wildwood Dr., Holland, MI 49423; 27310 Birmingham Ct., Paw Paw, MI 49079; 10446 Anderson Rd., Granger, IN 46530; 604 W. John Beers Rd., Lot 36N, Stevensville, MI 49127; 5013 Notre Dame Ave., Stevensville, MI 49127 and 1400 Silver Creek Pl., St. Joseph, MI 49085, (hereinafter "Assignors") have invented certain new and useful improvements in:

NETWORK SYSTEM WITH ELECTRONIC CREDENTIALS AND AUTHENTICATION FOR APPLIANCES

for a full description of which reference is here made to an application for Letters Patent of the United States of America executed by Assignors as of the respective dates associated with their respective names herein; and

WHEREAS, Whirlpool Corporation, a corporation of the State of Delaware, having its principal office and place of business in the City of Benton Harbor, County of Berrien, State of Michigan, (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said invention and application above-identified, and in, to, and under any Letters Patent that may be obtained for said invention, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and/or other valuable and legally sufficient consideration, the receipt of which by Assignors from Assignee is hereby acknowledged, Assignors have agreed to sell, assign, and transfer and by these presents do hereby sell, assign, and transfer unto Assignee the entire right, title, and interest in, to, and under: said invention and application above identified; any Letters Patent of the United States of America that may be obtained in respect thereof; any corresponding applications for Letters Patent and Letters Patent therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

Assignors hereby covenant and agree, for themselves and for their respective legal representatives, to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications or Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this **ASSIGNMENT**.

Assignors hereby authorize and empower Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignors might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended) and to invoke and claim such rights without further written or oral authorization from Assignors.

Assignors hereby consent that a copy of this **ASSIGNMENT** shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

Assignors covenant and agree that this **ASSIGNMENT** and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignors.

Assignors hereby authorize and request Assignee to fill in the following blanks specifying the United States Serial No. and filing date for said application above identified:

U.S. Serial No. 11/931,146
Filed October 31, 2007

but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this **ASSIGNMENT**.

Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue Letters Patent to Assignee in accordance with the terms of this **ASSIGNMENT**.

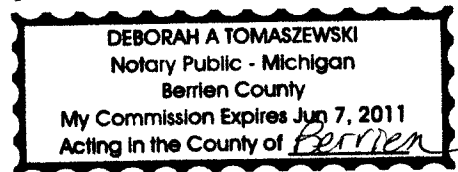
IN TESTIMONY WHEREOF, the said Assignors have respectively hereunto set their hands on the dates indicated below.

Dated: 1/17/08 SIGNATURE: Matthew P. Ebrom
NAME: Matthew P. Ebrom

STATE OF Michigan)
COUNTY OF Berrien) ss.

On this 17th day of Jan., 2008, personally appeared before me the above-named Matthew P. Ebrom, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Deborah A. Tomaszewski
Notary Public, Michigan County, Berrien
My commission expires: June 7, 2011

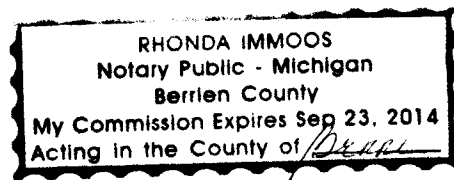


Dated: 1/17/08 SIGNATURE: Wallace J. Elston III
NAME: Wallace J. Elston III

STATE OF Michigan)
COUNTY OF Berrien) ss.

On this 17 day of January, 2008, personally appeared before me the above-named Wallace J. Elston III, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Rhonda Immoos
Notary Public, Michigan County, Berrien
My commission expires: 9/23/14

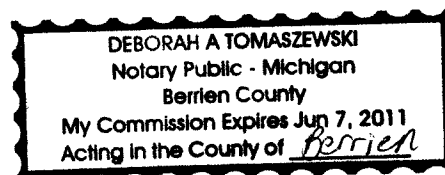


Dated: 1/17/08 SIGNATURE: Mark E. Glotzbach
NAME: Mark E. Glotzbach

STATE OF Michigan)
COUNTY OF Berrien) ss.

On this 17th day of Jan., 2008, personally appeared before me the above-named Mark E. Glotzbach, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Deborah A. Tomaszewski
Notary Public, Michigan County, Berrien
My commission expires: June 7, 2011

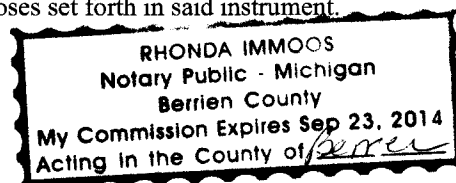


Dated: 1/21/08 SIGNATURE: Anthony E. Jenkins
NAME: Anthony E. Jenkins

STATE OF Michigan)
COUNTY OF Berrien) ss.

On this 21 day of January, 2008, personally appeared before me the above-named Anthony E. Jenkins, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Rhonda Immoos
Notary Public, Michigan County, Berrien
My commission expires: 9/23/14

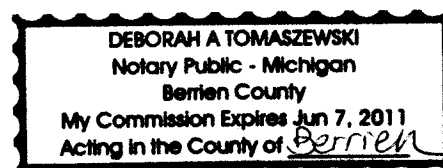


Dated: 1-17-2008 SIGNATURE: Richard A. McCoy
NAME: Richard A. McCoy

STATE OF Michigan)
COUNTY OF Berrien) ss.

On this 17th day of Jan, 2008, personally appeared before me the above-named Richard A. McCoy, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Deborah A. Tomaszewski
Notary Public, Michigan County, Berrien
My commission expires: June 7, 2011



Dated:

1/18/08

SIGNATURE:

Phillip A. Molloy

NAME:

Phillip A. Molloy

STATE OF

Michigan

)

COUNTY OF

Benne

) ss.

)

On this 18 day of January, 2008, personally appeared before me the above-named Phillip A. Molloy, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Rhonda Immoos

Notary Public,

Michigan

County,

Benne

My commission expires:

9/23/14

