

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard A McCoy</td> <td>12/30/2006</td> </tr> <tr> <td>Joshua P Carroll</td> <td>03/02/2007</td> </tr> <tr> <td>Matthew P Ebrom</td> <td>12/28/2006</td> </tr> <tr> <td>Daniel M Putnam</td> <td>01/02/2007</td> </tr> <tr> <td>David J Kmet</td> <td>01/02/2007</td> </tr> <tr> <td>Andrew D Whipple</td> <td>01/02/2007</td> </tr> <tr> <td>Patrick J Glotzbach</td> <td>01/02/2007</td> </tr> </tbody> </table>		Name	Execution Date	Richard A McCoy	12/30/2006	Joshua P Carroll	03/02/2007	Matthew P Ebrom	12/28/2006	Daniel M Putnam	01/02/2007	David J Kmet	01/02/2007	Andrew D Whipple	01/02/2007	Patrick J Glotzbach	01/02/2007
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	Whirlpool Corporation																
<b>Street Address:</b>	2000 M-63 North																
<b>City:</b>	Benton Harbor																
<b>State/Country:</b>	MICHIGAN																
<b>Postal Code:</b>	49022																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11571452</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11571452												
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<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(616)742-1010																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
<b>Phone:</b>	616-742-3500																
<b>Email:</b>	mlm@mcgarrybair.com																
<b>Correspondent Name:</b>	McGarry Bair PC																
<b>Address Line 1:</b>	171 Monroe Avenue, N.W.																
<b>Address Line 2:</b>	Suite 600																
<b>Address Line 4:</b>	Grand Rapids, MICHIGAN 49503																
<b>ATTORNEY DOCKET NUMBER:</b>	71354-0508/US20060677																

CH \$40.00 11571452

**PATENT**

**500242658**

**REEL: 019037 FRAME: 0528**

NAME OF SUBMITTER:

Mark A. Davis

Total Attachments: 6

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ASSIGNMENT

**WHEREAS**, Richard A. McCoy, Joshua P. Carroll, Matthew P. Ebrom, Daniel M. Putnam, David J. Kmet, and Patrick J. Glotzbach residing, respectively, at 5013 Notre Dame, Stevensville, Michigan, 49127, 360 Country Side Dr., Lebanon, Ohio, 45036, 384 Wildwood Dr., Holland, Michigan, 49423, 6027 146<sup>th</sup> Ave., Holland, Michigan, 49423, 54366 Orchard Ln., Paw Paw, Michigan, 49079, 2704 Lakeshore Dr., Apt. 410, St. Joseph, Michigan 49085, and 4447 Rachel Ln, St. Joseph, Michigan, 49085, (hereinafter "Assignors") have invented certain new and useful improvements in:

DATA ACQUISITION METHOD

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 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. \_\_\_\_\_  
Filed \_\_\_\_\_

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.

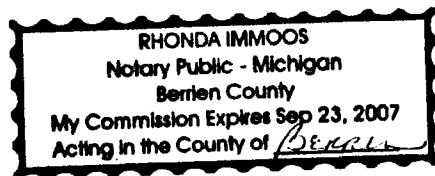
IN TESTIMONY WHEREOF, the said Assignors have respectively hereunto set their hands on the dates indicated below.

Dated: 12.30.06 SIGNATURE: [Signature]  
NAME: Richard A. McCoy

STATE OF Michigan )  
COUNTY OF Berrien ) ss.

On this 30th day of December, 2006, 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.

[Signature]  
Notary Public, Michigan County, Berrien  
My commission expires: 9-23-07



Dated: 3-2-07 SIGNATURE: [Signature]  
NAME: Joshua P. Carroll

STATE OF OHIO )  
COUNTY OF HAMILTON ) ss.

On this 2nd day of \_\_\_\_\_, 2006, personally appeared before me the above-named Joshua P. Carroll, 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.

[Signature]  
Notary Public, HAMILTON County, OHIO  
My commission expires: 12-19-07

CHRISTINE D. HARMON  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES 12-19-07

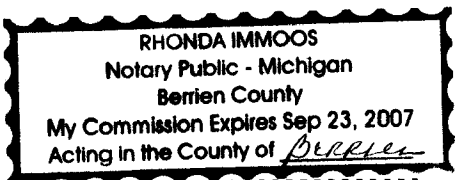
Dated: 12/28/06 SIGNATURE: *Matthew P. Ebrom*

NAME: Matthew P. Ebrom

STATE OF Michigan )  
 ) ss.  
COUNTY OF Berrien )

On this 28<sup>th</sup> day of December 2006, 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.

*Rhonda Immoos*  
Notary Public, Michigan County, Berrien  
My commission expires: 9-23-07



Dated: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

NAME: Daniel M. Putnam

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared before me the above-named Daniel M. Putnam, 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.

\_\_\_\_\_  
Notary Public, \_\_\_\_\_ County, \_\_\_\_\_  
My commission expires: \_\_\_\_\_

Dated: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

NAME: David J. Kmet

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared before me the above-named David J. Kmet, 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.

\_\_\_\_\_

Dated: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

NAME: Matthew P. Ebrom

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, 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.

Notary Public, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

Dated: 1/2/07 SIGNATURE: Daniel M. Putnam

NAME: Daniel M. Putnam

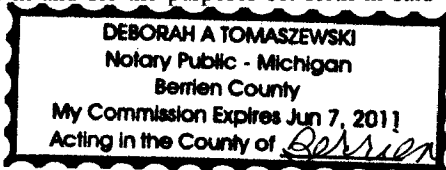
STATE OF Michigan )  
 ) ss.  
COUNTY OF Berrien )

On this 2nd day of January, 2007, personally appeared before me the above-named Daniel M. Putnam, 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, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_



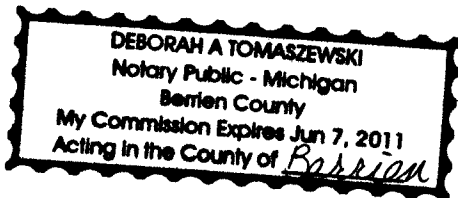
Dated: 1/2/07 SIGNATURE: David J. Kmet

NAME: David J. Kmet

STATE OF Michigan )  
 ) ss.  
COUNTY OF Berrien )

On this 2nd day of January, 2007, personally appeared before me the above-named David J. Kmet, 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, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

Dated: 1/2/07

SIGNATURE: \_\_\_\_\_

*Andrew D. Whipple*

NAME: Andrew D. Whipple

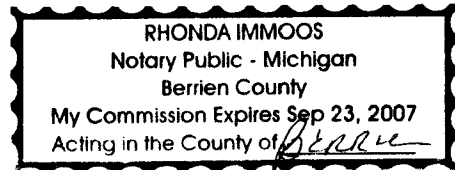
STATE OF Michigan )  
COUNTY OF Berrien ) ss.

On this 2nd day of January, 2007, personally appeared before me the above-named Andrew D. Whipple, 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: 9-23-07



Dated: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: Patrick J. Glotzbach

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared before me the above-named Patrick J. 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.

Notary Public, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

Notary Public, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

Dated: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: Andrew D. Whipple

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared before me the above-named Andrew D. Whipple, 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.

Notary Public, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

Dated: 1/2/07

SIGNATURE: [Signature]

NAME: Patrick J. Glotzbach

STATE OF Michigan )  
 ) ss.  
COUNTY OF Berrien )

On this 2nd day of January, 2007, personally appeared before me the above-named Patrick J. 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, \_\_\_\_\_ County, \_\_\_\_\_

My commission expires: \_\_\_\_\_

