

## 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>Kevin J. Cox</td> <td>02/15/2013</td> </tr> <tr> <td>Gregory Gene Hortin</td> <td>02/15/2013</td> </tr> <tr> <td>Yen-Hsi Lin</td> <td>02/19/2013</td> </tr> <tr> <td>Clayton A. Maas</td> <td>02/15/2013</td> </tr> <tr> <td>Xi Shan</td> <td>02/18/2013</td> </tr> <tr> <td>Cristian Soto</td> <td>02/14/2013</td> </tr> <tr> <td>Andrew M. Tenbarger</td> <td>02/17/2013</td> </tr> </tbody> </table> |                       | Name          | Execution Date        | Kevin J. Cox        | 02/15/2013      | Gregory Gene Hortin | 02/15/2013    | Yen-Hsi Lin    | 02/19/2013 | Clayton A. Maas | 02/15/2013 | Xi Shan | 02/18/2013 | Cristian Soto | 02/14/2013 | Andrew M. Tenbarger | 02/17/2013 |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Execution Date        |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Kevin J. Cox                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 02/15/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Gregory Gene Hortin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 02/15/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Yen-Hsi Lin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 02/19/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Clayton A. Maas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 02/15/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Xi Shan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 02/18/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Cristian Soto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 02/14/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Andrew M. Tenbarger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 02/17/2013            |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| <table border="1"> <tr> <td>Name:</td> <td>Whirlpool Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2000 North M-63</td> </tr> <tr> <td>City:</td> <td>Benton Harbor</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>49022</td> </tr> </table>                                                                                                                                                                                                       |                       | Name:         | Whirlpool Corporation | Street Address:     | 2000 North M-63 | City:               | Benton Harbor | State/Country: | MICHIGAN   | Postal Code:    | 49022      |         |            |               |            |                     |            |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Whirlpool Corporation |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2000 North M-63       |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| 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>13782746</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                     |                       | Property Type | Number                | Application Number: | 13782746        |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number                |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13782746              |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| <p>Fax Number: 6169578196<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (616) 949-9610<br/>       Email: ptomail@priceheneveld.com<br/>       Correspondent Name: Gregory A. Lewis<br/>       Address Line 1: PO Box 2567<br/>       Address Line 4: Grand Rapids, MICHIGAN 49501</p>                                                                                                                                                               |                       |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SUB-02675-US-NP       |               |                       |                     |                 |                     |               |                |            |                 |            |         |            |               |            |                     |            |

OP \$40.00 13782746

|                                                                                                                                                                                                                                        |                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| NAME OF SUBMITTER:                                                                                                                                                                                                                     | Gregory A. Lewis                                           |
|                                                                                                                                                                                                                                        | This document serves as an Oath/Declaration (37 CFR 1.63). |
| <p>Total Attachments: 7<br/>source=1723077#page1.tif<br/>source=1723077#page2.tif<br/>source=1723077#page3.tif<br/>source=1723077#page4.tif<br/>source=1723077#page5.tif<br/>source=1723077#page6.tif<br/>source=1723077#page7.tif</p> |                                                            |

**COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET**

☐ THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES

**Title of  
Invention**

**HEATER-LESS ICE MAKER ASSEMBLY WITH A TWISTABLE TRAY**

As the below named inventor, I hereby declare that:

This declaration ☒ The attached application, or  
is directed to: ☐ United States application or PCT international application number \_\_\_\_\_  
filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information material to patentability of this application in accordance with 37 C.F.R. §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, WHIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North M-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in the United States and throughout the world;

NOW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the receipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and reissue of said application; and the entire right, title and interest in and to the said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but at no expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this agreement and sale not been made.

ASSIGNOR authorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

**LEGAL NAME OF INVENTOR**

Inventor: **KEVIN J. COX**

Signature: \_\_\_\_\_

Date: 2-15-13

Title of  
Invention

REEL: 029911 FRAME: 0626

PATENT  
REEL: 029911 FRAME: 0627

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <input type="checkbox"/> THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |
| <b>Title of<br/>Invention</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>HEATER-LESS ICE MAKER ASSEMBLY WITH A TWISTABLE TRAY</b> |
| As the below named inventor, I hereby declare that:<br>This declaration <input checked="" type="checkbox"/> The attached application, or<br>is directed to: <input type="checkbox"/> United States application or PCT international application number _____<br>filed on _____.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
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| <b>LEGAL NAME OF INVENTOR</b><br><br>Inventor: <u>CLAYTON A. MAAS</u> Signature: _____<br><br>Date: <u>2/15/2013</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                             |

**COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET**

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| <p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u><b>XI SHAN</b></u>      Signature: <u>Shan Xi</u></p> <p>Date: <u>2/18/2013</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |

**PATENT**

**REEL: 029911 FRAME: 0629**

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LEGAL NAME OF INVENTOR

Inventor: **CRISTIAN SOTO**

Signature: \_\_\_\_\_

Date: 2/14/2013

**PATENT**

**REEL: 029911 FRAME: 0630**



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The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information material to patentability of this application in accordance with 37 C.F.R. §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**WHEREAS, WHIRLPOOL CORPORATION** (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North M-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in the United States and throughout the world;

**NOW, THEREFORE**, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the receipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and reissue of said application; and the entire right, title and interest in and to the said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

**ALSO**, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but at no expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this agreement and sale not been made.

ASSIGNOR authorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

LEGAL NAME OF INVENTOR

Inventor: ANDREW M. TENBARGE

Signature: \_\_\_\_\_

Date: 2-17-2013