

## PATENT ASSIGNMENT

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 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>Mr. Rameet Singh Grewal</td> <td>05/15/2012</td> </tr> <tr> <td>Mr. Steven J. Kuehl</td> <td>05/15/2012</td> </tr> <tr> <td>Mr. Andrew D. Litch</td> <td>05/15/2012</td> </tr> <tr> <td>Mr. Douglas D. LeClear</td> <td>05/15/2012</td> </tr> <tr> <td>Ms. Lorraine J. Westlake</td> <td>05/15/2012</td> </tr> <tr> <td>Mr. Guolian Wu</td> <td>05/15/2012</td> </tr> </tbody> </table> |                                   | Name          | Execution Date | Mr. Rameet Singh Grewal | 05/15/2012 | Mr. Steven J. Kuehl | 05/15/2012 | Mr. Andrew D. Litch | 05/15/2012 | Mr. Douglas D. LeClear | 05/15/2012 | Ms. Lorraine J. Westlake | 05/15/2012 | Mr. Guolian Wu | 05/15/2012 |
| Name  | Execution Date                    |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Mr. Rameet Singh Grewal   | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Mr. Steven J. Kuehl   | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Mr. Andrew D. Litch   | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Mr. Douglas D. LeClear  | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Ms. Lorraine J. Westlake  | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Mr. Guolian Wu  | 05/15/2012                        |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| 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>13474856</td> </tr> </tbody> </table>   |                                   | Property Type | Number         | Application Number:     | 13474856   |                     |            |                     |            |                        |            |                          |            |                |            |
| Property Type   | Number                            |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| Application Number:   | 13474856                          |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
| CORRESPONDENCE DATA   |                                   |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |
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| ATTORNEY DOCKET NUMBER:   | SUB-US20080914-US-NP              |               |                |                         |            |                     |            |                     |            |                        |            |                          |            |                |            |

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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) ..... Rameet Singh Grewal ..... of ..... Pune, India .....  
 ..... Steven J. Kuehl ..... of ..... Stevensville, Michigan .....  
 ..... Andrew D. Litch ..... of ..... St. Joseph, Michigan .....  
 ..... Douglas D. LeClear ..... of ..... Benton Harbor, Michigan .....  
 ..... Lorraine J. Westlake ..... of ..... Eau Claire, Michigan ..... and  
 ..... Guofan Wu ..... of ..... St. Joseph, Michigan .....

inventors(s) and originators of an invention entitled

Title of Application ..... **TOP COOLING MODULE WITH ICE STORAGE AND DELIVERY** ..... (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. ....

Invent 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

ASSIGNMENT TO WHIRLPOOL CORPORATION

Attorney Docket No. SUB-CA10080014-US-NP

execute any agreement in conflict herewith.

(User hereby grants 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: Rameet Singh Date: 15<sup>th</sup> MAY 2012  
RAMEET SINGH GREWAL

Witnessed by: [Signature] Date: 15/05/2012  
Signature  
SANJEEV KUMAR PATHAK  
Printed Name of Witness

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
STEVEN J. KUEHL

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature  
Printed Name of Witness

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
ANDREW B. LITCH

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature  
Printed Name of Witness

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
DOUGLAS D. LECLEAR

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature  
Printed Name of Witness

ASSIGNMENT TO WHIRLPOOL CORPORATION

Attorney Docket No.: SUB-US20080914-US-NP

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(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: \_\_\_\_\_  
RAMEET SINGH GREWAL

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature

Printed Name of Witness

Signature: Steven J. Kuehl Date: 5/15/2012  
STEVEN J. KUEHL

Witnessed by: [Signature] Date: 15 May 2012  
Signature

R. HODSON IMMCOUS  
Printed Name of Witness

Signature: [Signature] Date: 5/15/2012  
ANDREW D. LITCH

Witnessed by: [Signature] Date: 15 May 2012  
Signature

R. HODSON IMMCOUS  
Printed Name of Witness

Signature: [Signature] Date: 5-15-2012  
DOUGLAS D. LECLEAR

Witnessed by: [Signature] Date: 15 May 2012  
Signature

R. HODSON IMMCOUS  
Printed Name of Witness

Signature: Lorraine J. Westlake Date: 5/15/2012  
LORRAINE J. WESTLAKE

Witnessed by: [Signature] Date: 15 May 2012  
Signature  
RANDY JIMMUS  
Printed Name of Witness

Signature: [Signature] Date: 5/15/12  
GUOLIAN WU

Witnessed by: [Signature] Date: 15 May 2012  
Signature  
RANDY JIMMUS  
Printed Name of Witness