

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2765110

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAULO ROGERIO CARRARA COUTO	10/11/2011
GUILHERME BORGES RIBEIRO	10/11/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WHIRLPOOL S.A.
<b>Street Address:</b>	AVENIDA DAS NACOES UNIDAS, 12.995
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<b>City:</b>	SAO PAULO - SP
<b>State/Country:</b>	BRAZIL
<b>Postal Code:</b>	04578-000
<b>Name:</b>	UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC), AUTARQUIA FEDERAL DE REGIME ESPECIAL
<b>Street Address:</b>	CAMPUS UNIVERSITARIO, BAIRRO TRINDADE
<b>City:</b>	FLORIANOPOLIS
<b>State/Country:</b>	BRAZIL
<b>Postal Code:</b>	88040-900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13262338
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-0245
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<b>Address Line 4:</b>	SHELTON, CONNECTICUT 06484-6212
<b>ATTORNEY DOCKET NUMBER:</b>	090A.0018.U1(US)
<b>NAME OF SUBMITTER:</b>	WAYNE R. GROHS
<b>SIGNATURE:</b>	/Wayne R. Grohs/

<b>DATE SIGNED:</b>	03/12/2014
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**Total Attachments: 5**

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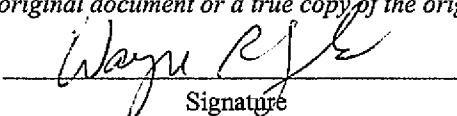
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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Commissioner of Patents and Trademarks, Washington, D.C. 20231  
Please record the attached document

<p>1. Name of conveying party(ies): <b>Paulo Rogerio Carrara COUTO Guilherme Borges RIBEIRO</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>WHIRLPOOL S.A.</b> Address: <b>Avenida das Nacoes Unidas, 12.995 32º andar, Brooklin Novo</b> City: <b>San Pablo</b> State: <b>ZIP Code: 04578-000</b> Country: <b>Brazil</b></p> <p align="center"><i>and</i></p> <p>Name: <b>Universidade Federal De Santa Catarina (UFSC), Autarquia Federal de Regime Especial</b> Address: <b>Campus Universitario, Bairro Trindade</b> City: <b>Florianopolis</b> State: <b>ZIP Code: 88040-900</b> Country: <b>Brazil</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <span style="margin-left: 150px;"><input type="checkbox"/> Merger</span> <input type="checkbox"/> Security Agreement <span style="margin-left: 150px;"><input type="checkbox"/> Change of Name</span></p> <p><input type="checkbox"/> Other:</p> <p>Execution Date: <b>November 10, 2011 respectively</b></p>	<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is :</p> <p>A. Patent Application No.(s): <b>13/262,338</b></p> <p>B. Patent No.(s):</p> <p align="center">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <b>Wayne R. Grohs, Reg. No. 48,945</b> Address: <b>Harrington &amp; Smith, Attorneys at Law, LLC 4 Research Drive</b></p> <p>City: <b>Shelton</b></p> <p>State: <b>CT</b>                      ZIP Code: <b>06484-6212</b></p>	<p>6. Total number of applications and/or patents involved: ..... <b>1</b></p> <p>7. Total fee (37 CFR 3.41): ..... <b>\$0.00</b></p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Charge deposit account</p> <p><input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: <b>50-1924</b></p>
<p><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statement And Signature:</p> <p align="center"><i>To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.</i></p> <p><b>Wayne Grohs</b>                                            <b>MARCH 12, 2014</b> Name of Person Signing                      Signature                      Date</p> <p align="right">Total number of pages including cover sheet(s): <b>5</b> Page 1 of 5.</p>	

Docket No.: 090A.0018.U1(US)

For  U.S. and/or  Foreign Rights  
For  U.S. Application or  U.S. Patent

### ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

**(1) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR:	LAST NAME <b>COUTO</b>	FIRST NAME <b>Paulo</b>	MIDDLE NAME <b>Rogério Carrara</b>
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY <b>Joinville – SC Brazil</b>	CITIZENSHIP <b>Brazil</b>	

POST OFFICE ADDRESS: **Rua Des Tavares Sobrinho, 326 89206-500 Joinville – SC Brazil**

**(2) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR:	LAST NAME <b>RIBEIRO</b>	FIRST NAME <b>Guilherme</b>	MIDDLE NAME <b>Borges</b>
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY <b>Florianopolis – SC Brazil</b>	CITIZENSHIP <b>Brazil</b>	

POST OFFICE ADDRESS: **Rua Deputado Antonio Edu Vieira, 680 88040-0000  
Florianopolis – SC Brazil**

hereby sell(s), assign(s) and transfer(s) to

**ASSIGNEE:**

**WHIRLPOOL S.A.  
Avenida das Nacoes Unidas, 12.995  
32° andar  
Brooklin Novo  
04578-000 Sao Paulo – SP  
Brazil**

**and**

**UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC)**  
**Autarquia Federal de Regime Especial –**  
**Campus Universitario Reitor Joao David**  
**Ferreira Lima, Biarro Trindade**  
**88040-900 Florianopolis – SC**  
**Brazil**

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, to any subject matter and all improvements which are disclosed in the invention entitled:

**Refrigeration System for Compact Equipment**

which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number \_\_\_\_\_ filed \_\_\_\_\_,
- was described and claimed in PCT International Application Number PCT/BR2010/000112 filed on March 30, 2010,
- and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof;

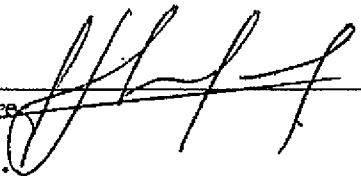
and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

(1) Assignor Name: Paulo Rogerio Carrara COUTO

By:   
Signature

10/11/2011  
Date

Witnessed:  
(1) Graziele Fontes  
Witness Name:

10/11/2011  
Date

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(2) Assignor Name: **Guilherme Borges RIBEIRO**

By: Guilherme BR  
Signature

10/11/2011  
Date

Witnessed:

(2) Graziele Fontes  
Witness Name:

10/11/2011  
Date

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