

## 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>Paulo Sergio Dainez</td> <td>05/07/2013</td> </tr> <tr> <td>Dietmar Erich Bernhard Lilie</td> <td>05/27/2013</td> </tr> <tr> <td>Marcio Roberto Thiessen</td> <td>05/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Paulo Sergio Dainez	05/07/2013	Dietmar Erich Bernhard Lilie	05/27/2013	Marcio Roberto Thiessen	05/27/2013
Name	Execution Date								
Paulo Sergio Dainez	05/07/2013								
Dietmar Erich Bernhard Lilie	05/27/2013								
Marcio Roberto Thiessen	05/27/2013								
RECEIVING PARTY DATA									
Name:	Whirlpool S.A.								
Street Address:	Av. das Nacoes Unidas								
Internal Address:	12.995, 32 andar Brooklin Novo								
City:	Sao Paulo								
State/Country:	BRAZIL								
Postal Code:	04578-000								
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>13810099</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13810099				
Property Type	Number								
Application Number:	13810099								
CORRESPONDENCE DATA									
Fax Number:	2163639001								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	216.363.9000								
Email:	cschweter@faysharpe.com								
Correspondent Name:	FAY SHARPE LLP								
Address Line 1:	1228 Euclid Avenue, 5th Floor								
Address Line 2:	The Halle Building								
Address Line 4:	Cleveland, OHIO 44115								
ATTORNEY DOCKET NUMBER:	DANN 200028US01								
NAME OF SUBMITTER:	Steven Haas								
Signature:	/Steven Haas/								

PATENT

Date:

05/31/2013

Total Attachments: 3

source=DOC007#page1.tif

source=DOC007#page2.tif

source=DOC007#page3.tif

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we, the undersigned Assignor(s):

**Paulo Sérgio Dainez**

Rua Vice-Pref. Luiz Carlos Garcia 451, 89218-340 Joinville SC, Brazil

**Dietmar Erich Bernhard Lilie**

Rua Orestes Guimarães 904, 89204-060 Joinville SC, Brazil

**Márcio Roberto Thiessen**

Rua Albatroz, 416, 89220-600 Joinville SC, Brazil

who has/have created a certain invention for which an application for United States Letters Patent has been made by way of PCT International Application No. **PCT/BR2011/000223** having an **international filing date of July 14, 2011**, said application now assigned **U.S. Ser. No. 13/810,099**, and said application entitled **A CONTROL METHOD FOR A RESONANT LINEAR COMPRESSOR AND AN ELECTRONIC CONTROL SYSTEM FOR A RESONANT LINEAR COMPRESSOR APPLIED TO A COOLING SYSTEM** do hereby sell, assign and transfer to:

**Whirlpool S.A.**

**Av. das Nações Unidas 12.995, 32º andar Brooklin Novo  
04578-000 São Paulo SP, BR-Brazil**

(hereinafter referred to as ASSIGNEE) formed under the laws of **BRAZIL**, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

I/we agree that ASSIGNEE may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, I/we will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said ASSIGNEE, its successors, assigns and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said ASSIGNEE, its successors, assigns, and legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention

and for vesting title to said invention and all applications for patents on said invention in said ASSIGNEE, its successors, assigns, and legal representatives; and

I/we covenant with said ASSIGNEE, its successors, assigns, and legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF I have hereunto set my signature on the date noted below.

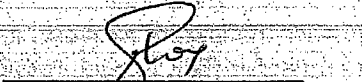
  
Paulo Sérgio Dainez

05/07/2013  
Date

  
Witness #1 - Signature

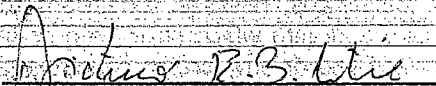
05/27/2013  
Date

Adriana Cardozo da Silva  
Witness #1 - Print Name

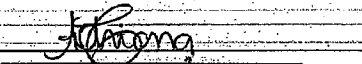
  
Witness #2 - Signature

May 27<sup>th</sup>, 2013  
Date

Lucimar S. Gestner  
Witness #2 - Print Name

  
Dietmar Erich Bernhard Lillie

05/27/2013  
Date

  
Witness #1 - Signature

05/27/2013  
Date

Adriana Cardozo da Silva  
Witness #1 - Print Name

  
Witness #2 - Signature

May 27<sup>th</sup>, 2013  
Date

Lucimar S. Gestner  
Witness #2 - Print Name

Marcio Roberto Thiessen  
Márcio Roberto Thiessen

Date

John Lima 05/27/2013  
Witness #1 - Signature Date

Adriana Cardoso de Silva  
Witness #1 - Print Name

[Signature] May 27<sup>th</sup>, 2013  
Witness #2 - Signature Date

LUCIMAR S. GILSON JR  
Witness #2 - Print Name

FORM NO. 7 (REV. 12/13)