

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gunter Johann Maass	06/14/2012
RECEIVING PARTY DATA	
Name:	Whirlpool S.A.
Street Address:	Av. das Nacoes Unidas, 12.995
Internal Address:	32 andar, Brooklin Novo
City:	Sao Paulo
State/Country:	BRAZIL
Postal Code:	04578-000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13503367
CORRESPONDENCE DATA	
Fax Number:	(216)363-9001
Phone:	216-363-9000
Email:	cschweter@faysharpe.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	STEVEN HAAS
Address Line 1:	1228 Euclid Avenue, 5th Floor
Address Line 2:	The Halle Building
Address Line 4:	Cleveland, OHIO 44115
ATTORNEY DOCKET NUMBER:	DANN 200025US01
NAME OF SUBMITTER:	Steven Haas
Total Attachments: 2 source=DOC001#page1.tif source=DOC001#page2.tif	

OP \$40.00 13503367

### ASSIGNMENT

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

**Günter Johann Maass**

Guia Lopes, 346, apto. 304, Bairro Santo Antônio, 89218-060 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/BR2010/000348** having an **international filing date of October 21, 2010**, said application now assigned Ser. No. 13/503,367, and said application entitled **DATA AND COMMANDS COMMUNICATION SYSTEM AND METHOD BETWEEN VARIABLE CAPACITY COMPRESSOR AND ELECTRONIC THERMOSTAT FOR A COOLING SYSTEM** do hereby sell, assign and transfer to:

**WHIRLPOOL S.A.**

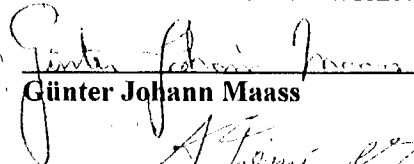
**Av. das Nações Unidas 12.995, 32º andar, Brooklin Novo, 04578-000 São Paulo SP, BR-Brazil**

(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;

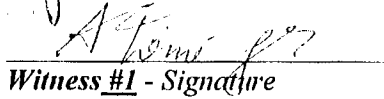
I/we agree that ASSIGNEE may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent 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 or 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, or 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, or legal representatives; and

I/we covenant with said ASSIGNEE, its successors, assigns, or 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.

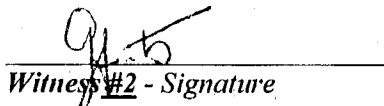
  
Günter Johann Maass

June, 14th, 2012  
Date

  
Witness #1 - Signature

June, 14th, 2012  
Date

Antonio Carlos Thomé Jr., Rua Gerald Ravache, 77, Ilhéus, SC, Brazil  
Witness #1 - Print Name and Address

  
Witness #2 - Signature

June, 14th, 2012  
Date

Grazielle Fontes, Rua Joazeiro, 198, Ilhéus, SC, Brazil  
Witness #2 - Print Name and Address

DANN 200025US01 (498072.1)

G:\JITEM - 14/06/2012 - 09:59:57