

PATENT ASSIGNMENT

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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>02/18/2013</td> </tr> <tr> <td>Jose de Oliveira</td> <td>02/18/2013</td> </tr> <tr> <td>Ademir Nied</td> <td>02/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Paulo Sergio Dainez	02/18/2013	Jose de Oliveira	02/18/2013	Ademir Nied	02/18/2013				
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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>13696253</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13696253								
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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:	Steven Haas												

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Address Line 1:	1228 Euclid Avenue, 5th Floor
Address Line 2:	The Halle Building
Address Line 4:	Cleveland, OHIO 44115

ATTORNEY DOCKET NUMBER:	DANN 200026US01
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NAME OF SUBMITTER:	Steven Haas
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Total Attachments: 3 source=DOC004#page1.tif source=DOC004#page2.tif source=DOC004#page3.tif

ASSIGNMENT

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

Paulo Sergio Dainez

Rua Rui Barbosa 1431, Bl. 1, apto. 302, Joinville – SC, Brazil

José de Oliveira

Rua Orestes Guimarães 422, apto. 101, Joinville – SC, 89201-060 Brazil

Ademir Nied

Rua Conselheiro Mafra, 125, apto. 504, Joinville – SC, 89201-480 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/BR2011/000131** having an **international filing date of May 5, 2011**, said application now assigned **U.S. Ser. No. 13/696,253**, and said application entitled **SYSTEM FOR CONTROLLING A RESONANT LINEAR COMPRESSOR PISTON, METHOD FOR CONTROLLING A RESONANT LINEAR COMPRESSOR PISTON, AND RESONANT LINEAR COMPRESSOR** do hereby sell, assign and transfer jointly to both:

Whirlpool S.A.

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

and

Fundação Universidade do Estado de Santa Catarina – UDESC

**Avenida Madre Benvenuta, 2007, Itacorubi
88035-001 Florianópolis SC, BR-Brazil**

(hereinafter referred to as ASSIGNEES) both formed under the laws of **BRAZIL**, their respective 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 ASSIGNEES may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in their respective own names, 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

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PATENT

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legal proceedings; communicate to said ASSIGNEES, their respective 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 ASSIGNEES, their respective 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 ASSIGNEES, their respective successors, assigns, or legal representatives; and

I/we covenant with said ASSIGNEES, their respective 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.

Paulo Sergio Dalhez
Paulo Sergio Dalhez

02/18/2013
Date

[Signature]
Witness #1 - Signature

02/26/2013
Date

GRACIE FONTES - RUA JACUARANGA 418 - JOINVILLE - SC
Witness #1 - Print Name and Address

[Signature]
Witness #2 - Signature

02/26/2013
Date

ADELINA CARDOSO DA SILVA - RUA ORESTES GUIMARÃES, 189 - JOINVILLE - SC
Witness #2 - Print Name and Address


José de Oliveira

02/18/2013
Date

Q15
Witness #1 - Signature

02/26/2013
Date

GRIZIELE FORTES - RUA JACUPIRANGA 198 - JOINVILLE - SC
Witness #1 - Print Name and Address

Adriana
Witness #2 - Signature

02/26/2013
Date

Adriana Cardozo da Silva - Rua Orestes Guimarães, 189 - Joinville - SC
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Ademir Nied
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