

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>Marcio Silveira</td> <td>12/12/2012</td> </tr> <tr> <td>Moacir Pirovano</td> <td>12/12/2012</td> </tr> <tr> <td>Cleber Knies</td> <td>12/12/2012</td> </tr> <tr> <td>Ernest Bergman</td> <td>12/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marcio Silveira	12/12/2012	Moacir Pirovano	12/12/2012	Cleber Knies	12/12/2012	Ernest Bergman	12/07/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Emerson Climate Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1675 West Campbell Road</td> </tr> <tr> <td>City:</td> <td>Sidney</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>45365</td> </tr> </table>		Name:	Emerson Climate Technologies, Inc.	Street Address:	1675 West Campbell Road	City:	Sidney	State/Country:	OHIO	Postal Code:	45365		
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CORRESPONDENCE DATA													
Fax Number:	2486475210												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	Gifford Krass et al.												

OP \$40.00 13699207

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ATTORNEY DOCKET NUMBER: PNS-22502/01

NAME OF SUBMITTER: Ernest I. Gifford

Signature: /Ernest I. Gifford/

Date: 04/04/2013

Total Attachments: 3

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Marcio Silveira; Moacir Pirovano; Cleber Knies; and Ernest Bergman (hereinafter referred to as Assignors), residing at Rua Rui Barbosa, 1020 - Costa e Silva, 89219-521 Joinville-Sc, BRAZIL; Rua Rui Barbosa, 1020 - Costa e Silva, 89219-521 Joinville-Sc, BRAZIL; Rua Rui Barbosa, 1020 - Costa e Silva, 89219-521 Joinville-Sc, BRAZIL; and 7550 North Star, Ft. Loramie Road, Yorkshire, Ohio 45388, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SUCTION ARRANGEMENT FOR A REFRIGERATION COMPRESSOR, set forth in a Utility application for Letters Patent of the United States, already filed on November 20, 2012 as U.S. Application No. 13/699,207; and

WHEREAS, Emerson Climate Technologies, Inc. and Whirlpool S.A., a and Corporation, respectively organized under and pursuant to the laws of and Brazil, respectively having their principal places of business at 1675 West Campbell Road, Sidney, Ohio 45365; and Avenida das Nações Unidas, 12.995 - 32º andar - Brooklin Novo, 04578-000 São Paulo -Sp, BRAZIL, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by

Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

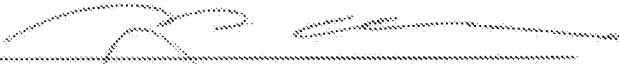
GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: Dec 12 2012

Signature:


Marcio Silveira

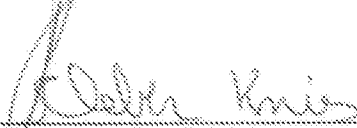
Date: Dec 12 2012

Signature:


Moacir Pirovano

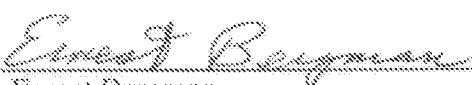
Date: Dec 12 2012

Signature:


Cleber Knies

Date: Dec 7, 2012

Signature:


Ernest Bergman