

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RONALDO RIBEIRO DUARTE	07/24/2006
RECEIVING PARTY DATA	
Name:	EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO
Street Address:	RUA RUI BARBOSA, 1020
City:	JOINVILLE, SC
State/Country:	BRAZIL
Postal Code:	89219-901
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10595931
CORRESPONDENCE DATA	
Fax Number:	(704)444-1111
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7044441000
Email:	LARIEKO.WELCH@ALSTON.COM
Correspondent Name:	ALSTON & BIRD LLP
Address Line 1:	BANK OF AMERICA PLAZA
Address Line 2:	101 S. TRYON ST., STE. 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000
ATTORNEY DOCKET NUMBER:	033794/311439
NAME OF SUBMITTER:	W. Kevin Ransom
Total Attachments: 2 source=311439Assignment#page1.tif source=311439Assignment#page2.tif	

CH \$40.00 10595931

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO
Rua Rui Barbosa, 1020
89219-901 - Joinville, SC
BRAZIL

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in
"SYSTEM OF CONTROLLING AND TRIGGERING A TRIAC AND A METHOD OF CONTROLLING THE TRIGGERING OF A TRIAC"

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 10/595,931; filed May 19, 2006
- ☒ Application is a National Phase Entry of PCT/BR2004/000243, filed December 15, 2004, and claims priority from Brazilian Application No. PI0305983-9, filed on December 30, 2003, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

2006 July 24th
Date

R. Duarte
Ronaldo Ribeiro Duarte

Carla Lúcia de Freitas
Witness

Sara Roman
Witness

Attorney Docket No. 033794/311439