

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>Linzhi Chao</td> <td>07/25/2013</td> </tr> <tr> <td>Shuichong Fan</td> <td>07/15/2013</td> </tr> <tr> <td>Chao Jiang</td> <td>07/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Linzhi Chao	07/25/2013	Shuichong Fan	07/15/2013	Chao Jiang	07/23/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Emerson Climate Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1675 W. 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 W. Campbell Road	City:	Sidney	State/Country:	OHIO	Postal Code:	45365
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 248-641-1600 Email: troydocketing@hdp.com Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C. Address Line 1: P.O. BOX 828 Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303											
ATTORNEY DOCKET NUMBER:	0315-000746/US/NPB										
NAME OF SUBMITTER:	Michael Malinzak										
Signature:	/Michael Malinzak/										
Date:	08/07/2013										
Total Attachments: 2 source=Signed_Assignment#page1.tif source=Signed_Assignment#page2.tif											

CH \$40.00 13996881

ASSIGNMENT

Attorney Docket No. 0315-000746/US/NPB

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

A THRUST PLATE FOR A HORIZONTAL SCROLL COMPRESSOR AND A HORIZONTAL SCROLL COMPRESSOR HAVING THE SAME

for which Assignor is about to make or has made application(s) for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- (b) ☐ executed on _____, _____; and/or
- (c) ☒ filed on December 22, 2011, and assigned United States Patent Application No. _____ or PCT International Application No. PCT/US2011/066762; and

WHEREAS, EMERSON CLIMATE TECHNOLOGIES, INC., a Delaware corporation, having a place of business at 1675 W. Campbell Road, Sidney, Ohio 45365-0669, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid applications, continuations, provisional application of the aforesaid application, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

ASSIGNMENT

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. 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 U.S. Patent and Trademark Office for recordation of this document.

Linzhì CHAO
 Linzhì CHAO
7/25/2013
 Dated

Younyong Guo
 First Witness
Chao Lv
 Second Witness

Shuichong FAN
 Shuichong FAN
7/15/2013
 Dated

Younyong Guo
 First Witness
Chao Lv
 Second Witness

Chao JIANG
 Chao JIANG
7/23/2013
 Dated

Younyong Guo
 First Witness
Chao Lv
 Second Witness

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PATENT

RECORDED: 08/07/2013

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