502559398 11/06/2013

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRILL M. IGNATIEV	10/30/2013
SU XIAOGENG	11/01/2013
SUN QINGFENG	10/31/2013
YE TAO	10/31/2013

RECEIVING PARTY DATA

Name:	EMERSON CLIMATE TECHNOLOGIES, INC.
Street Address:	1675 W. CAMPBELL ROAD
City:	SIDNEY
State/Country:	ОНЮ
Postal Code:	45365

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14072920

CORRESPONDENCE DATA

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Phone: 248-641-1600
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Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

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ATTORNEY DOCKET NUMBER:	0315-000677-US
NAME OF SUBMITTER:	MICHAEL MALINZAK
Signature:	/MichaelMalinzak/
	PATENT

502559398 REEL: 031552 FRAME: 0987

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Date:	11/06/2013
Total Attachments: 6 source=Signed_Assignment#page1.tif source=Signed_Assignment#page2.tif source=Signed_Assignment#page3.tif source=Signed_Assignment#page4.tif source=Signed_Assignment#page5.tif source=Signed_Assignment#page6.tif	

PATENT REEL: 031552 FRAME: 0988

ASSIGNMENT

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

RADIALLY COMPLIANT SCROLL COMPRESSOR

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

(a)	M	Assignment on the same day as he/she signs the Declaration);
(b)		executed on,; or
(c)		filed on, and assigned United States Patent Application No [and filed on, and assigned PCT International Application No] [and filed on, and assigned United States Provisional Patent Application No]; and

WHEREAS, Emerson Climate Technologies, Inc., a Delaware corporation, having a place of business at 1675 W. Campbell Road, Sidney, OH 45365, 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 application itself, to any provisional application of the aforesaid application, and all divisions, continuations, continuations-inpart, 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.

Page 1 of 3

Attorney Docket No.: 0315-000677/US

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.

Allematik	ASSIGNMENT	alla m. Ocia
KI/II M/IGNATIEV		Witness
<u>1.7.76/4-30, 22/3</u> Dated		Dave Jose
Dated		Witness //
Su XIAOGENG		Witness
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Sun QINGFENG	 .	Witness
Dated		Witness
Ye TAO		Witness
Dated		Witness

18061963.1

ASSIGNMENT

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

(a)	\boxtimes	executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
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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.

REEL: 031552 FRAME: 0992

Attorney Docket No.: 0315-000677/US

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.

REEL: 031552 FRAME: 0993

ASSIGNMENT

Kirili M. IGNATIEV	Witness
Dated	Witness
Xu. y. S. Marian	Johnson and
Su XIAOGENG	Witness
2013/11/1	<u> Chao Lv</u>
Dated	Witness
Sun Olngfeng July 14.3	Johnson Gmo Witness Chao Lu
Dated	Witness
Ye Taw.	Tahreon Cono
Ye TAO	Witness
2813.10.21	<u>Chao Lv</u>
Dated	Witness

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RECORDED: 11/06/2013 REEL: 031552 FRAME: 0994