

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2721510

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>JOSEPH G. MARCINKIEWICZ</td> <td>11/14/2013</td> </tr> <tr> <td>CHARLES E. GREEN</td> <td>11/16/2013</td> </tr> <tr> <td>MICHAEL I. HENDERSON</td> <td>12/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOSEPH G. MARCINKIEWICZ	11/14/2013	CHARLES E. GREEN	11/16/2013	MICHAEL I. HENDERSON	12/19/2013
Name	Execution Date								
JOSEPH G. MARCINKIEWICZ	11/14/2013								
CHARLES E. GREEN	11/16/2013								
MICHAEL I. HENDERSON	12/19/2013								
RECEIVING PARTY DATA									
Name:	EMERSON CLIMATE TECHNOLOGIES, INC.								
Street Address:	1675 W. CAMPBELL ROAD								
City:	SIDNEY								
State/Country:	OHIO								
Postal Code:	45365								
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>13871598</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13871598				
Property Type	Number								
Application Number:	13871598								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	248-641-1600								
Email:	troydocketing@hdp.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	HARNES, DICKEY & PIERCE, P.L.C.								
Address Line 1:	P.O. BOX 828								
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303								
ATTORNEY DOCKET NUMBER:	0315-000809-US-01								
NAME OF SUBMITTER:	MICHAEL MALINZAK								
Signature:	/Michael Malinzak/								
Date:	02/11/2014								

PATENT

Total Attachments: 4

source=Signed_Assignments#page1.tif

source=Signed_Assignments#page2.tif

source=Signed_Assignments#page3.tif

source=Signed_Assignments#page4.tif

ASSIGNMENT

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

SYSTEM AND METHOD FOR PERMANENT MAGNET MOTOR CONTROL

for which Assignor is about to make or has made United States or International application 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 _____, _____, _____; or
- (c) filed on April 26, 2013, and assigned Serial No. 13/871,598 or PCT International Application No. _____; and

WHEREAS, EMERSON CLIMATE TECHNOLOGIES, INC., 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, 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, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, 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.

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.

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.

ASSIGNMENT

Joseph G. Marcinkiewicz

Joseph G. Marcinkiewicz

14 Nov 2013

Dated

Charles E. Green

Charles E. Green

14 Nov 2013

Dated

Michael I. Henderson

Dated

Debra L. Lippin

Witness

Donald R. Jones

Witness

Debra L. Lippin

Witness

Donald R. Jones

Witness

Witness

Witness

1 7628977.1

ASSIGNMENT

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

SYSTEM AND METHOD FOR PERMANENT MAGNET MOTOR CONTROL

for which Assignor is about to make or has made United States or International application 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 _____, _____, _____; or
- (c) filed on April 26, 2013, and assigned Serial No. 13/871,598 or PCT International Application No. _____; and

WHEREAS, EMERSON CLIMATE TECHNOLOGIES, INC., 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, 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, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, 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.

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.

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.

ASSIGNMENT

Joseph G. Marcinkiewicz

Witness

Dated

Witness

Charles E. Green

Witness

Dated

Witness

Michael I. Henderson

Michael I. Henderson

[Signature]

Witness

19th Dec '13

Dated

[Signature]

Witness

17888872.1