

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JIE CHEN</td> <td>07/27/2010</td> </tr> <tr> <td>ALLAN J. REIFEL</td> <td>07/27/2010</td> </tr> <tr> <td>DAVE L. KOESTERER</td> <td>07/27/2010</td> </tr> <tr> <td>SIEGFRIED J. WEIGL</td> <td>07/27/2010</td> </tr> </tbody> </table>		Name	Execution Date	JIE CHEN	07/27/2010	ALLAN J. REIFEL	07/27/2010	DAVE L. KOESTERER	07/27/2010	SIEGFRIED J. WEIGL	07/27/2010
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DAVE L. KOESTERER	07/27/2010										
SIEGFRIED J. WEIGL	07/27/2010										
<b>RECEIVING PARTY DATA</b>											
Name:	NORDYNE INC.										
Street Address:	8000 PHOENIX PARKWAY										
City:	O'FALLON										
State/Country:	MISSOURI										
Postal Code:	63368										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12844709</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12844709						
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Application Number:	12844709										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(602)364-7070										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	6023647000										
Email:	ALLAN.WATTS@BRYANCAVE.COM										
Correspondent Name:	BRYAN CAVE LLP										
Address Line 1:	TWO NORTH CENTRAL AVENUE										
Address Line 2:	SUITE 2200										
Address Line 4:	PHOENIX, ARIZONA 85004										
ATTORNEY DOCKET NUMBER:	0233134-NP1										
NAME OF SUBMITTER:	ALLAN W. WATTS										
Total Attachments: 5											

CH \$40.00 12844709

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**PATENT  
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ASSIGNMENT

In consideration of my agreement with NORDYNE Inc., and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Jie Chen, an individual residing in St. Charles, Missouri, I, Allan J. Reifel, an individual residing in Florissant, Missouri, I, Dave L. Koesterer, an individual residing in Belleville, Illinois, and I, Siegfried J. Weigl, an individual residing in St. Clair, Missouri (collectively referred to herein as "ASSIGNOR"), hereby assign, transfer, set over, convey, and deliver to NORDYNE Inc., a Delaware corporation, having a principal place of business located at 8000 Phoenix Parkway, O'Fallon, Missouri 63368, its successors and assigns (collectively referred to herein as "ASSIGNEE") all of my right, title, and interest in, to, and under any and all subject matter of the invention disclosed and/or claimed in the application for United States patent, titled

**HVAC CONTROL USING DISCRETE-SPEED THERMOSTATS AND RUN TIMES**

Serial Number 12/844,709, filed on July 27, 2010 in the U.S. Patent and Trademark Office;

and PCT patent application number PCT/US10/37105, filed on June 2, 2010 with the PCT Receiving Office of the U.S. Patent and Trademark Office, and having the same title;

in, to, and under said patent applications and any and all provisional, non-provisional, continuation, continuation-in-part, continued prosecution, request-for-continued-examination, national stage, and divisional patent applications thereof or claiming priority thereto; in, to, and under, my exclusive right to make and prosecute any and all applications for patents, reissues, renewals, and extensions thereof; in, to, and under any and all patents and Convention and Treaty rights of all kinds, in the United States of America and all other countries throughout the world, for all such subject matter; in, to, and under any and all know-how and/or confidential, proprietary, and/or trade secret information relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to sue for present, past, and future infringement or misappropriation relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to enforce any rights and file any causes of action, in law and/or equity, relating to any such subject matter, applications, patents, and/or technology; and in, to, and under the right to all income, royalties, fees, damages, and payments now or hereafter due or payable in respect to any such subject matter, applications, patents, and/or technology. The right, title, and interest is to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this assignment not been made. I request the applicable official having authority to issue patents and/or corresponding rights to issue same on the subject matter of the said invention(s) to ASSIGNEE, its successors and assigns, and, if called upon by ASSIGNEE, its successors, assigns, or legal representatives, I agree to promptly sign any and all documents necessary to secure any and all such patents and/or rights and for issuance of same to ASSIGNEE or its successors and assigns.

I covenant with ASSIGNEE, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

I confirm that I have not made any agreement in conflict with this Assignment. I further agree that I will provide information within my knowledge or belief, and do any and all other relevant things that ASSIGNEE, its successors, assigns, or legal representatives deem necessary or desirable and request of me in connection with obtaining and/or maintaining any such patents and/or rights; in

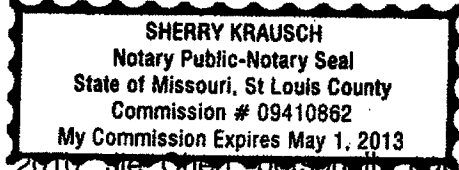
connection with any proceeding, controversy, and/or litigation pertaining to any such patents and/or rights; in order to perfect and/or enforce the ownership by ASSIGNEE, its successors and assigns, of the right, title, and interest conveyed by this Assignment; and/or in connection with this Assignment, without payment of consideration to me beyond that called for in my written agreement with ASSIGNEE on the understanding, however, that ASSIGNEE will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations assumed by me shall be binding on my heirs and personal representatives.

I grant to ASSIGNEE, its successors, assigns, and legal representatives the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable for recordation of this document at the United States Patent and Trademark Office.

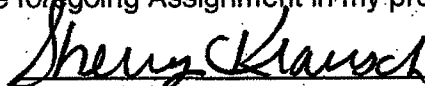
Date: 07/27/2010

  
\_\_\_\_\_  
Jie Chen

STATE OF Missouri :  
  : SS  
COUNTY OF St. Louis :



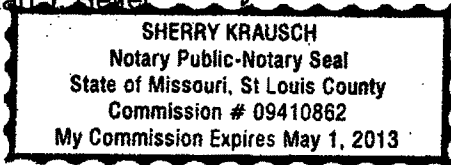
On this 27 day of July, 2010, ~~Mr. Chen~~, personally appeared before me, identified himself to my satisfaction, and signed the foregoing Assignment in my presence.

  
\_\_\_\_\_  
Notary Public  
My commission expires: May 1, 2013

Date: July 27, 2010

Allan J. Reifel  
Allan J. Reifel

STATE OF Missouri :  
COUNTY OF St. Louis : SS



On this 27 day of July, 2010, Allan J. Reifel, personally appeared before me, identified himself to my satisfaction, and signed the foregoing Assignment in my presence.

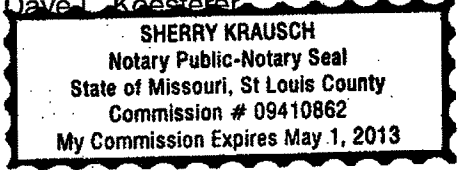
Sherry Krausch  
Notary Public  
My commission expires: May 1, 2013

Date: 7/27/10

*Dave L. Koesterer*

Dave L. Koesterer

STATE OF Missouri :  
COUNTY OF St. Louis : SS



On this 27 day of July, 2010, Dave L. Koesterer, personally appeared before me, identified himself to my satisfaction, and signed the foregoing Assignment in my presence.

*Sherry Krausch*

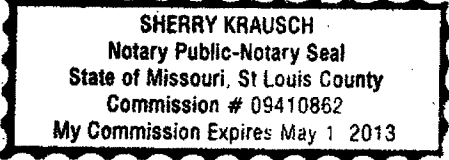
Notary Public

My commission expires: May 1, 2013

Date: 7/27/2010

Siegfried J. Weigl  
Siegfried J. Weigl

STATE OF Missouri :  
COUNTY OF St. Louis : SS



On this 27 day of July, 2010, Siegfried J. Weigl, personally appeared before me, identified himself to my satisfaction, and signed the foregoing Assignment in my presence.

Sherry Krausch  
Notary Public  
My commission expires: May 1, 2013