

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dean A Drake</td> <td>07/27/2004</td> </tr> <tr> <td>Nagaraj B Jayanth</td> <td>07/23/2004</td> </tr> <tr> <td>William P Butler</td> <td>07/27/2004</td> </tr> </tbody> </table>		Name	Execution Date	Dean A Drake	07/27/2004	Nagaraj B Jayanth	07/23/2004	William P Butler	07/27/2004
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Dean A Drake	07/27/2004								
Nagaraj B Jayanth	07/23/2004								
William P Butler	07/27/2004								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Emerson Electric Co.								
<b>Street Address:</b>	8000 West Florissant								
<b>City:</b>	St. Louis								
<b>State/Country:</b>	MISSOURI								
<b>Postal Code:</b>	63136								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10836526</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10836526				
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Application Number:	10836526								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(314)726-7501								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	314-726-7500								
<b>Email:</b>	bwheelock@hdp.com								
<b>Correspondent Name:</b>	Harness Dickey & Pierce PLC								
<b>Address Line 1:</b>	7700 Bonhomme, Suite 400								
<b>Address Line 4:</b>	St. Louis, MISSOURI 63105								
<b>NAME OF SUBMITTER:</b>	Bryan K. Wheelock								
<b>Total Attachments: 4</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif									

CH \$40.00 10836526

**PATENT**

**500005757**

**REEL: 015055 FRAME: 0534**

**ASSIGNMENT**

WHEREAS, We, William P. Butler of St. Louis, Missouri, Dean A. Drake of St. Peters, Missouri, and Nagaraj B. Jayanth of Sidney, Ohio, have invented certain new and useful improvements for a *Unitary Control for Air Conditioner and/or Heat Pump* (hereinafter referred to as "Invention") for which an application for Letters Patent in the United States of America was filed on April 30, 2004, and assigned Serial No. 10/836,526; and

WHEREAS, we desire to assign all right, title and interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to Emerson Electric Co., a corporation of the State of Missouri, having its principal office and place of business at 8000 West Florissant, St. Louis, Missouri 63136 (hereinafter referred to as "Assignee"); and

WHEREAS, Assignee, is desirous of acquiring the entire right, title and interest in and to said Invention and improvements as disclosed in said application, in and to said application, and in and to any Letters Patent which may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, William P. Butler, Dean A. Drake and Nagaraj B. Jayanth, have sold, assigned and transferred, and do hereby sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest in and to said Invention and improvements as the same are disclosed in said application, in and to said application, and in and to any Letters Patent, including any divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions to be obtained thereof, in the United States, and countries foreign thereto, which may be granted for said Invention; and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto; and we further agree to cooperate with the Assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the Assignee may desire to apply for, but at the expense of said Assignee.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as Assignee of the whole right, title and interest thereto; and we further agree to execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-

in-part of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee, or its designees may require and prepare at its own expense; and execute all necessary and lawful future documents including assignments in favor of Assignee, or its designees, as Assignee or its designees may present to us in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto.

William P. Butler  
William P. Butler

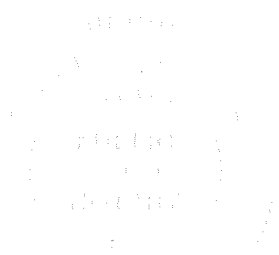
STATE OF :  
:  
COUNTY OF :

On this 27<sup>th</sup> day of July, 2004 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared William P. Butler, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Terr J. Butler  
Notary Public

My Commission Expires: 5/6/06



**TERRI J. BUTLER**  
Notary Public - State of Missouri  
County of St. Louis  
My Commission Expires May 6, 2006

Dean A. Drake  
Dean A. Drake

STATE OF :  
:  
COUNTY OF :

On this 27<sup>th</sup> day of July, 2004 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared Dean A. Drake, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

TERRI J. BUTLER  
Notary Public

My Commission Expires: 5/6/06



TERRI J. BUTLER  
Notary Public - State of Missouri  
County of St. Louis  
My Commission Expires May 6, 2006

Nagaraj B. Jayanth  
Nagaraj B. Jayanth

STATE OF OHIO :  
COUNTY OF SHELBY :

On this <sup>1st</sup> 23 day of July, 2004 before me, a Notary Public, within and for the County of Shelby, State of OHIO, personally appeared Nagaraj B. Jayanth, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Gloria J. Harrison  
Notary Public Gloria J. Harrison

My Commission Expires: August 15, 2006