

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>J. Stephen Thorn</td><td>08/01/2005</td></tr><tr><td>Bret Clark</td><td>08/01/2005</td></tr><tr><td>Joseph G Marcinkiewicz</td><td>08/01/2005</td></tr><tr><td>Vinodkumar Sadasivam</td><td>08/01/2005</td></tr><tr><td>Gregory M Levine</td><td>08/01/2005</td></tr></tbody></table>		Name	Execution Date	J. Stephen Thorn	08/01/2005	Bret Clark	08/01/2005	Joseph G Marcinkiewicz	08/01/2005	Vinodkumar Sadasivam	08/01/2005	Gregory M Levine	08/01/2005
Name	Execution Date												
J. Stephen Thorn	08/01/2005												
Bret Clark	08/01/2005												
Joseph G Marcinkiewicz	08/01/2005												
Vinodkumar Sadasivam	08/01/2005												
Gregory M Levine	08/01/2005												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Emerson Electric Co.</td></tr><tr><td>Street Address:</td><td>8000 West Florissant</td></tr><tr><td>City:</td><td>St. Louis</td></tr><tr><td>State/Country:</td><td>MISSOURI</td></tr><tr><td>Postal Code:</td><td>63136</td></tr></table>		Name:	Emerson Electric Co.	Street Address:	8000 West Florissant	City:	St. Louis	State/Country:	MISSOURI	Postal Code:	63136		
Name:	Emerson Electric Co.												
Street Address:	8000 West Florissant												
City:	St. Louis												
State/Country:	MISSOURI												
Postal Code:	63136												
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>12714133</td></tr></tbody></table>		Property Type	Number	Application Number:	12714133								
Property Type	Number												
Application Number:	12714133												
CORRESPONDENCE DATA													
Fax Number: (713)229-2504 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: dterrell@lockelord.com Correspondent Name: David Terrell Address Line 1: 600 Travis St Address Line 2: Suite 2800 Address Line 4: Houston, TEXAS 77002													
ATTORNEY DOCKET NUMBER:	0021972.056US												
NAME OF SUBMITTER:	David L. Terrell												

CH \$40.00 12714133

501381972

PATENT
REEL: 025514 FRAME: 0056

Total Attachments: 4
source=Ass#page1.tif
source=Ass#page2.tif
source=Ass#page3.tif
source=Ass#page4.tif

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Emerson Electric Co. (the "Assignee"), a corporation of Missouri having a place of business at 8000 West Florissant, St. Louis, MO 63136, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in United States Patent Application Serial No. 10/906,305, filed on February 14, 2005, entitled "**DEVICE AND METHOD FOR SENSING TEMPERATURE OF A ROTATING ELECTROMAGNETIC MACHINE**," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: J Stephen Thorn
 Name: J. Stephen Thorn

Date: 1 August 2005

STATE OF MISSOURI)
) ss.
 COUNTY OF ST. LOUIS)

BEFORE ME, the undersigned authority, on this 1st day of August, 2005, personally appeared J. Stephen Thorn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Donna D. Hopson
 Notary or Consular Officer

[SEAL]

DONNA D. HOPSON
 Notary Public - State of Missouri
 County of St. Charles
 My Commission Expires June 27, 2008

Signature: Bret Clark
 Name: Bret Clark

Date: 01 - Aug - 05

STATE OF MISSOURI)
) ss.
 COUNTY OF ST. LOUIS)

BEFORE ME, the undersigned authority, on this 1st day of August, 2005, personally appeared Bret Clark, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Donna D. Hopson
 Notary or Consular Officer

[SEAL]

DONNA D. HOPSON
 Notary Public - State of Missouri
 County of St. Charles
 My Commission Expires June 27, 2008

Signature: _____

Name: Joseph G. Marcinkiewicz

Date: _____

1-8-05

STATE OF MISSOURI)

) ss.

COUNTY OF ST. LOUIS)

BEFORE ME, the undersigned authority, on this 1st day of August, 2005, personally appeared Joseph G. Marcinkiewicz, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Donna D. Hopson
Notary or Consular Officer

[SEAL]

DONNA D. HOPSON
Notary Public - State of Missouri
County of St. Charles
My Commission Expires June 27, 2008

Signature: _____

Name: Vinodkumar Sadasivam

Date: _____

08/01/2005

STATE OF MISSOURI)

) ss.

COUNTY OF ST. LOUIS)

BEFORE ME, the undersigned authority, on this 1st day of August, 2005, personally appeared Vinodkumar Sadasivam, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Donna D. Hopson
Notary or Consular Officer

[SEAL]

DONNA D. HOPSON
Notary Public - State of Missouri
County of St. Charles
My Commission Expires June 27, 2008

Signature: *Greg Levine*
Name: Gregory M. Levine

Date: 8/1/05

STATE OF MISSOURI)
) ss.
COUNTY OF ST. LOUIS _____)

BEFORE ME, the undersigned authority, on this 1st day of August, 2005, personally appeared Greg Levine, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Donna D. Hopson
Notary or Consular Officer

[SEAL]

DONNA D. HOPSON
Notary Public – State of Missouri
County of St. Charles
My Commission Expires June 27, 2008