

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>Vincenzo DiFatta</td><td>09/29/2006</td></tr><tr><td>Timothy E. Blazier</td><td>09/01/2006</td></tr><tr><td>Woo Chee Ngai</td><td>06/27/2006</td></tr></tbody></table>		Name	Execution Date	Vincenzo DiFatta	09/29/2006	Timothy E. Blazier	09/01/2006	Woo Chee Ngai	06/27/2006		
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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
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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>11543304</td></tr></tbody></table>		Property Type	Number	Application Number:	11543304						
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Application Number:	11543304										
CORRESPONDENCE DATA											
Fax Number: (248)641-0270 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email: davidu@hdp.com											
Correspondent Name: David P. Utykanski											
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ATTORNEY DOCKET NUMBER:	5060-175/COA										
NAME OF SUBMITTER:	David P. Utykanski										
Total Attachments: 4 source=M-7407_5060-175COA_Assignment#page1.tif											

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PATENT  
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**PATENT**

**REEL: 019467 FRAME: 0728**

# ASSIGNMENT

Atty. Docket No. 5060-000175

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

## Switching Device with Critical Switch Detection

which is the subject of a 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 and Power of Attorney);
- (b) ☐ executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_;
- (c) ☐ filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_;
- (d) ☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_, and  
☐ presently assigned as evidenced at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

WHEREAS, Emerson Electric Co., a Missouri Corporation, having a place of business at 8000 West Florissant, St. Louis, Missouri 63136, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents 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 all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent 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 recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

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 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 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 or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said 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 said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. 11/543,304, filed 10/04/2006) the filing date and application number of said application when known.

ASSIGNMENT

Vincenzo DiFatta  
Vincenzo DiFatta

State of Illinois )  
County of DuPage ) ss.

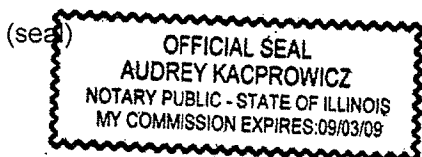
On this Sept 29<sup>TH</sup> day of SEPTEMBER, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, Audrey Kacprawicz

Acting in the County Of COOK

State Of ILLINOIS

My Commission Expires 9-03-09



\_\_\_\_\_  
Timothy E. Blazier

State of ILLINOIS )  
County of COOK ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

Acting in the County Of

State Of

My Commission Expires

(seal)

# ASSIGNMENT

Vincenzo DiFatta

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

Acting in the County Of

State Of

My Commission Expires

(seal)

Timothy E. Blazier  
Timothy E. Blazier

State of ILLINOIS )  
County of KANE ) ss.

On this 1<sup>st</sup> day of SEPTEMBER, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

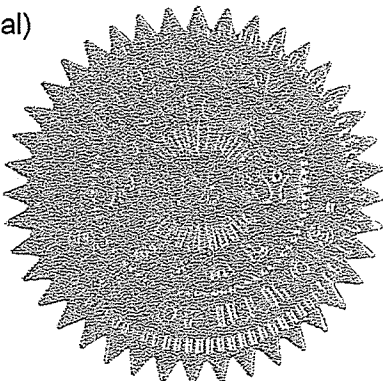
Antonia Gavina  
Acting in the County Of  
Kane

State Of

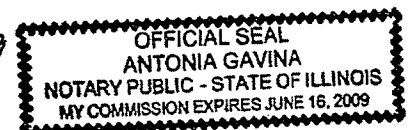
Illinois

My Commission Expires

(seal)



June 16, 2009



## ASSIGNMENT

C.N. Ngai  
Woo Chee Ngai

State of SINGAPORE )  
County of SINGAPORE ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(seal)

Notary Public,

Acting in the County Of

State Of

My Commission Expires

Witnessed By : Mike 2006-6-27 Mike Zhang.