



To the Honorable Commissioner of Patents and Trademark

101336496

... or copy thereof.

1. Name of conveying party(ies):

Walter A. Schilloff
Scott A. Bigelow
Glenn Wilson
Bryan Cole

Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):

Name: Emerson Electric Co.
Internal Address:
Street Address: 8000 West Florissant
City: St. Louis
State: Missouri
Zip: 63136

Additional name(s) & address(es) attached? Yes No

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OPR/FINANCE

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: May 17, 1999

4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the filing date of the application is:

A. Patent Application No. 09/321,324, filed May 27, 1999

B. Patent No.

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas V. Miller
Internal Address: Hovrey Simon Arnold & White, LLP
Street Address: P.O. Box 4433
City: Houston State: TX Zip: 77210

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 01-2508 (CCON:008)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas V. Miller/Reg. No. 42,002

3/17/00
Date

Atty Docket No.: CCON:008

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:
U.S. Patent and Trademark Office, Office of Public Records
Crystal Gateway 4, Room 335
Washington, D.C. 20231

04/25/2000 TTDH11 00000147 012508 09321324

01 FC:581 40.00 CH

(104C29-209P01 DOC)

PATENT
REEL: 010720 FRAME: 0029

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 the State of Missouri having a place of business at 8000 W. Florissant, St. Louis, Missouri 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 the application for United States Letters Patent, Application No. 09/321,324, which was filed on May 27, 1999, and is entitled "**Method and Apparatus for Mounting Printed Circuit Board Components**" 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: Walter A Schilloff Date: 5-17-1999
Name: Walter Schilloff

STATE OF NEW YORK)
) ss.
COUNTY OF Broome)

BEFORE ME, the undersigned authority, on this 17th day of May, 1999, personally appeared Walter Schilloff, 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.

BETH ELLEN MITCHELL Beth Ellen Mitchell
Notary Public Notary or Consular Officer
[SEAL] State of New York, County of Broome
Commission Expires 8/31/00
Registration No. 01MI5001027

Signature: Scot A Bigelow Date: MAY 17, 1999
Name Scot Bigelow

STATE OF NEW YORK)
) ss.
COUNTY OF Broome)

BEFORE ME, the undersigned authority, on this 17th day of May, 1999, personally appeared Scot Bigelow, 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.

BETH ELLEN MITCHELL Beth Ellen Mitchell
Notary Public Notary or Consular Officer
[SEAL] Notary Public
State of New York, County of Broome
Commission Expires 8/31/00
Registration No. 01MI5001027

Signature: Glenn Wilson Date: May 17, 1999
Name: Glenn Wilson

STATE OF NEW YORK)
) ss.
COUNTY OF Broome)

BEFORE ME, the undersigned authority, on this 17th day of May, 1999, personally appeared Glenn Wilson, 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.

BETH ELLEN MITCHELL
Notary Public
[SEAL] State of New York, County of Broome
Commission Expires 8/31/00
Registration No. 01MI5001027

Beth Ellen Mitchell
Notary or Consular Officer

Signature: Bryan Cole Date: 99.05.17
Name: Bryan Cole

STATE OF NEW YORK)
) ss.
COUNTY OF Broome)

BEFORE ME, the undersigned authority, on this 17th day of May, 1999, personally appeared Bryan Cole, 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.

BETH ELLEN MITCHELL
Notary Public
[SEAL] State of New York, County of Broome
Commission Expires 8/31/00
Registration No. 01MI5001027

Beth Ellen Mitchell
Notary or Consular Officer