

02-26-1999

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PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Charles J. Thur et al.
 FOR : FILTER FOR VACUUM CLEANER
 SERIAL NO. : 29/098,792
 FILED : January 6, 1999
 EXAMINER : Unknown
 ART UNIT : 2900
 ATTORNEY DOCKET NO. : RYL 2 604

Cleveland, Ohio 44114-2214
February 22, 1999

ASSIGNMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Please record the attached original document or copy thereof.

1. Name of Parties conveying an interest:

Charles J. Thur
Mark E. Cipolla

2. Name of Party receiving an interest:

Royal Appliance Mfg. Co.
Cleveland, Ohio 44143

3. Description of the interest conveyed:

Assignment Change of Name
 Security Agreement Merger
 Other _____

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40.00 DP

First Class Mail Certificate

I hereby certify that this TRANSMITTAL LETTER and ASSIGNMENT are being deposited with the United States Postal Service by first class mail procedure in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231 on February 22, 1999.

Cathryn Ferchek
Cathryn Ferchek

Date: *February 22 1999*

PATENT
REEL: 9778 FRAME: 0596

FEB 12 1999

- 4. These documents are being filed with application U.S. Serial No. 29/098,792, filed January 6, 1999, the execution date of which is: February 12, 1999.
- 5. Name and address of Party to whom correspondence concerning this document should be mailed:

Patrick R. Roche
 Reg. No. 29,580
 FAY, SHARPE, BEALL, FAGAN
 MINNICH & McKEE
 1100 Superior Avenue, Suite 700
 Cleveland, Ohio 44114-2518
- 6. One patent application is involved.
- 7. Amount of fee enclosed or authorized to be charged:
\$ 40.00
- 8. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): 06-0308.
- 9. The assignment shows it was signed on: February 12, 1999
- 10. 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.
- 11. Total number of pages enclosed 3.

Respectfully submitted,

FAY, SHARPE, BEALL, FAGAN,
MINNICH & McKEE

2/22/99
Date

Patrick R. Roche
Patrick R. Roche
Reg. No. 29,580
1100 Superior Avenue, Suite 700
Cleveland, OH 44114-2518
(216) 861-5582

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned,

Charles J. Thur and Mark E. Cipolla

who have created a certain invention for which an application for United States Letters Patent has been executed concurrently herewith and is entitled

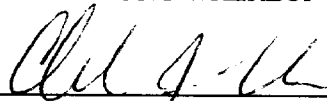
FILTER FOR VACUUM CLEANER

Do hereby sell, assign and transfer to **ROYAL APPLIANCE MFG. CO.**, a corporation of the State of Ohio having a place of business 650 Alpha Drive, Cleveland, Ohio 44143, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

Agree that **ROYAL APPLIANCE MFG. CO.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assigned, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

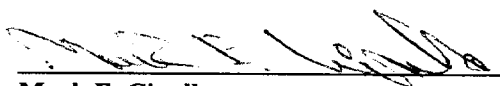
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF WE have hereunto set OUR signatures on the dates indicated below.



Charles J. Thur

Date 2/12/99



Mark E. Cipolla

Date 2-12-99

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