## United States Patent [19]

Cattaoris et al.

#### **US00D343682S** [11] Patent Number: Des. 343,682 Date of Patent: **\*\*** Jan. 25, 1994 [45]

#### [54] VACUUM FILTER FLASK

- [75] Inventors: Henry L. Cattaoris, Otego; Michael A. Dyda, Oneonta; Dennis M. O'Connell, Corning, all of N.Y.; Frederick B. Takatori, Canyon Country, Calif.
- Corning Incorporated, Corning, N.Y. [73] Assignee:
- 14 Years [\*\*] Term:
- [21] Appl. No.: 801,088

#### **OTHER PUBLICATIONS**

The Fisher Catalog '91/'92, Filter Flasks, pp. 758-759.

Primary Examiner-Stella Reid Attorney, Agent, or Firm-Brian R. Leslie; Alfred L. Michaelsen

#### [57] CLAIM

The ornamental design for a vacuum filter flask, as shown and described.

#### DESCRIPTION

- Dec. 2, 1991 [22] Filed: [52]
- Field of Search ...... 210/455, 446, 445, 477, [58] 210/472-474, 406, 232, 321.75, 321.84, 433.2; D24/162; D23/4
- [56] **References** Cited

#### **U.S. PATENT DOCUMENTS**

D. 270,947	10/1983	Mehra et al	D23/209 X
3,295,686	1/1967	Krueger	210/455
4,357,240	11/1982	Mehra et al.	210/455
4,614,585	9/1986	Mehra et al.	
4,678,576	7/1987	Leoncavallo	210/321.87
4,689,147	8/1987	Leoncavallo et al	210/455 X
4,783,318	11/1988	Lapakko	210/406 X
5,141,639	8/1992	Kraus et al.	210/321.75

FIG. 1 is a top view of the disclosed vacuum filter flask; FIG. 2 is a front view of the disclosed vacuum filter flask;

FIG. 3 is a side view of the disclosed vacuum filter flask;

FIG. 4 is an opposite side view of the disclosed vacuum filter flask, the back of the disclosed vacuum filter flask is a mirror image of FIG. 2;

FIG. 5 is a bottom view of the disclosed vacuum filter flask;

FIG. 6 is a broken away cross-sectional view of the lower portion of the disclosed vacuum filter flask; FIG. 7 is a top view of the disclosed vacuum filter flask having the cover and filter element removed; and, FIG. 8 is a broken away cross-sectional view of the middle portion of the disclosed vacuum filter flask.





## U.S. Patent Jan. 25, 1994 Sheet 1 of 4 Des. 343,682

•

.



Fig. 1

	h
	7



# Fig. 2

.

## U.S. Patent

-

.

Jan. 25, 1994

### Sheet 2 of 4

## Des. 343,682

٠

.



## Fig. 3

·



Fig. 4

۳

.

### U.S. Patent

.

•

Jan. 25, 1994

Sheet 3 of 4

## Des. 343,682





## *Fig.* 5





## Fig. 6

. . .

## U.S. Patent

•

Jan. 25, 1994

### Sheet 4 of 4

## Des. 343,682





·

·

#### A second sec second sec

### UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

#### PATENT NO. : D343682

DATED : January 25, 1994

INVENTOR(S) : Henry J. Cattadoris, Dennis M. O'Connell Michael A. Dyda and Frederick B. Takatori

It is certified that error appears in the above-indentified patent and that said Letters Patent is hereby corrected as shown below:

On title page, "Description" Figure 2 should read: Fig. 2 is a front view of the disclosed vacuum filter flask; The back of the disclosed vacuum filter flask is a mirror image of Figure 2.

In Description, Figure 4
should read: Fig. 4 is an
opposite side view of the
disclosed vacuum filter flask;

Signed and Sealed this

Twenty-ninth Day of November, 1994

Bun Uhmen

Attest:

#### **BRUCE LEHMAN**

Attesting Officer

Commissioner of Patents and Trademarks