

(12) United States Design Patent (10) Patent No.:

Anderson et al.

US D460,169 S

(45) Date of Patent:

Jul. 9, 2002

(54) FILTER ELEMENT HAVING AN INLET **GRID**

(75) Inventors: Ross Norman Anderson, Chanhassen;

> Wayne R. W. Bishop, St. Louis Park; Steven Scott Gieseke, Richfield; Thomas John Lundgren, Bloomington,

all of MN (US)

(73) Assignee: Donaldson Company Inc.,

Minneapolis, MN (US)

Term: 14 Years

(21) Appl. No.: 29/143,032

(22) Filed: Jun. 6, 2001

1 238 068 A

(51) LOC (7) Cl. 23-04

(52) U.S. Cl. D23/365

(58) Field of Search D23/365; 55/385.3,

55/498, 502

(56)References Cited

U.S. PATENT DOCUMENTS 9/1017 Slater at al

1,230,000	Α.	0/191/	Siaici et ai.
2,599,604	Α	6/1952	Bauer et al.
4,925,561	Α	5/1990	Ishii et al.
5,130,100	Α	* 7/1992	Serizawa 55/385.3
5,266,195	Α	11/1993	Hopkins
5,304,312	Α	4/1994	Forster et al.
5,374,402	Α	12/1994	Hitachi et al.
5,435,870	Α	7/1995	Takagaki et al.
5,543,007	Α	8/1996	Takagaki et al.
5,714,126	Α	2/1998	Frund
D396,098	S	7/1998	Gillingham et al.

5,820,646 A	10/1998	Gillingham et al.
5,895,574 A	4/1999	Friedmann et al.
6,190,432 B1	2/2001	Gieseke et al.
6,210,469 B1	4/2001	Tokar
6,235,195 B1	5/2001	Tokar
D450,826 S	* 11/2001	Song D23/365

* cited by examiner

Primary Examiner—Lisa Lichtenstein

(74) Attorney, Agent, or Firm-Merchant & Gould P.C.

CLAIM (57)

The ornamental design for filter element having an inlet grid, as shown and described.

DESCRIPTION

FIG. 1 is an end view of a filter element having an inlet grid, embodying our new design, being for illustrative purposes only and forming no part of the claimed design;

FIG. 2 is a side elevational view of the embodiment depicted in FIG. 1, the portions shown in broken lines being for illustrative purposes only and forming no part of the design claimed; the opposite side elevational view being a mirrorimage thereof;

FIG. 3 is a top plan view of the embodiment depicted in FIG. 1, the portions shown in broken lines forming no part of the design sought to be patented;

FIG. 4 is a bottom plan view of the embodiment depicted in FIG. 1, the portions shown in broken lines forming no part of the design sought to be patented; and,

FIG. 5 is an end view opposite of the end view of FIG. 1, the portions shown in broken lines forming no part of the design sought to be patented.

1 Claim, 4 Drawing Sheets











