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(12) **United States Design Patent** (10) **Patent No.:** **US D835,767 S**  
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(54) **SPACE OPTIMIZING AIR FILTER**

(71) Applicant: **K&N ENGINEERING, INC.**,  
Riverside, CA (US)

(72) Inventors: **Steve Williams**, Beaumont, CA (US);  
**Jere James Wall**, Helendale, CA (US);  
**Jonathan Richard Fiello**, Yucaipa, CA (US)

(73) Assignee: **K&N Engineering, Inc.**, Riverside, CA (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/591,838**

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(51) **LOC (11) Cl.** ..... **23-04**

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

(58) **Field of Classification Search**  
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D23/386–391; D25/114–116, 118–125;  
D3/10

CPC . F01N 2330/06; F01N 3/0222; B01D 46/521;  
B01D 46/2429; B01D 46/2451; B01D  
46/247; B01D 46/2492; B01D 46/2481;  
F28F 1/40; E04B 2/42; E04B 2/44; E04B  
2/50; E04B 2/52; E04B 2/54

See application file for complete search history.

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*Primary Examiner* — Sheryl Lane

*Assistant Examiner* — Calvin E Vansant

(74) *Attorney, Agent, or Firm* — Rutan & Tucker LLP;  
Hani Z. Sayed

(57) **CLAIM**

The ornamental design for a space optimizing air filter, as shown and described.

**DESCRIPTION**

FIG. 1 - Front, top, right side perspective view of the present invention;

FIG. 2 - Front elevation view;

FIG. 3 - Rear elevation view;

FIG. 4 - Left side elevation view;

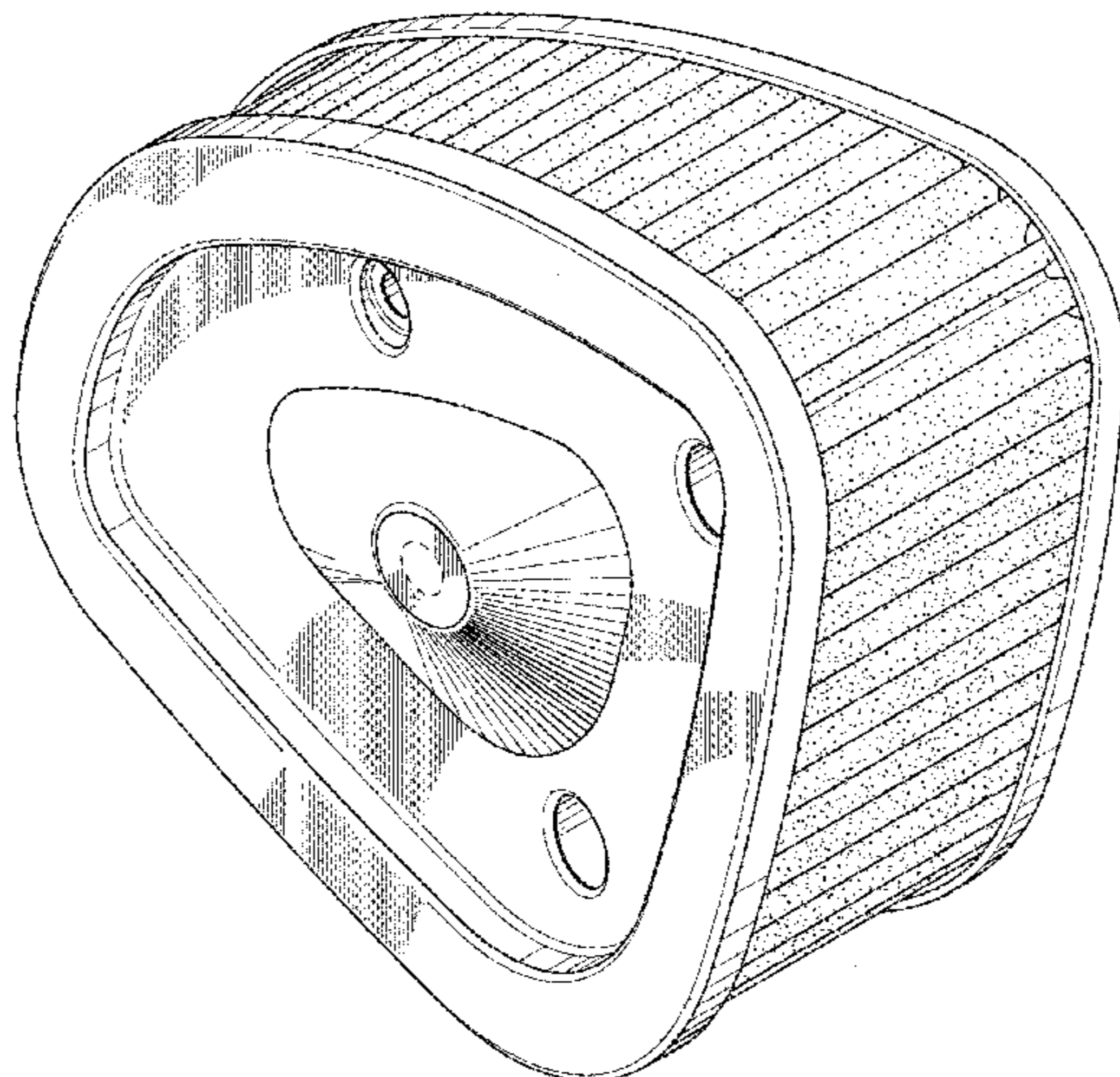
FIG. 5 - Right side elevation view;

FIG. 6 - Top plan view; and,

FIG. 7 - Bottom plan view.

The broken lines depict portions of the space optimizing air filter that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



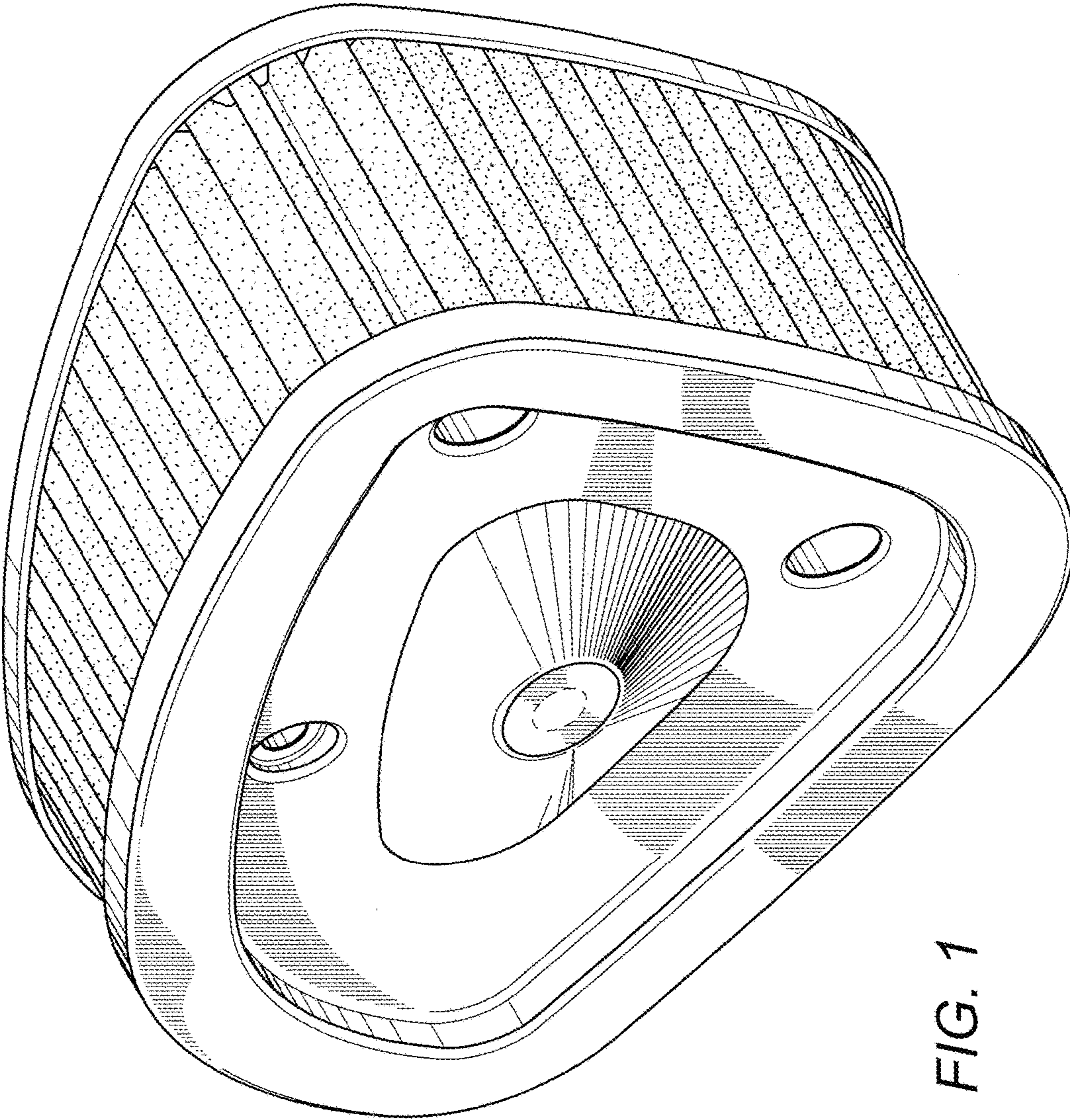


FIG. 1



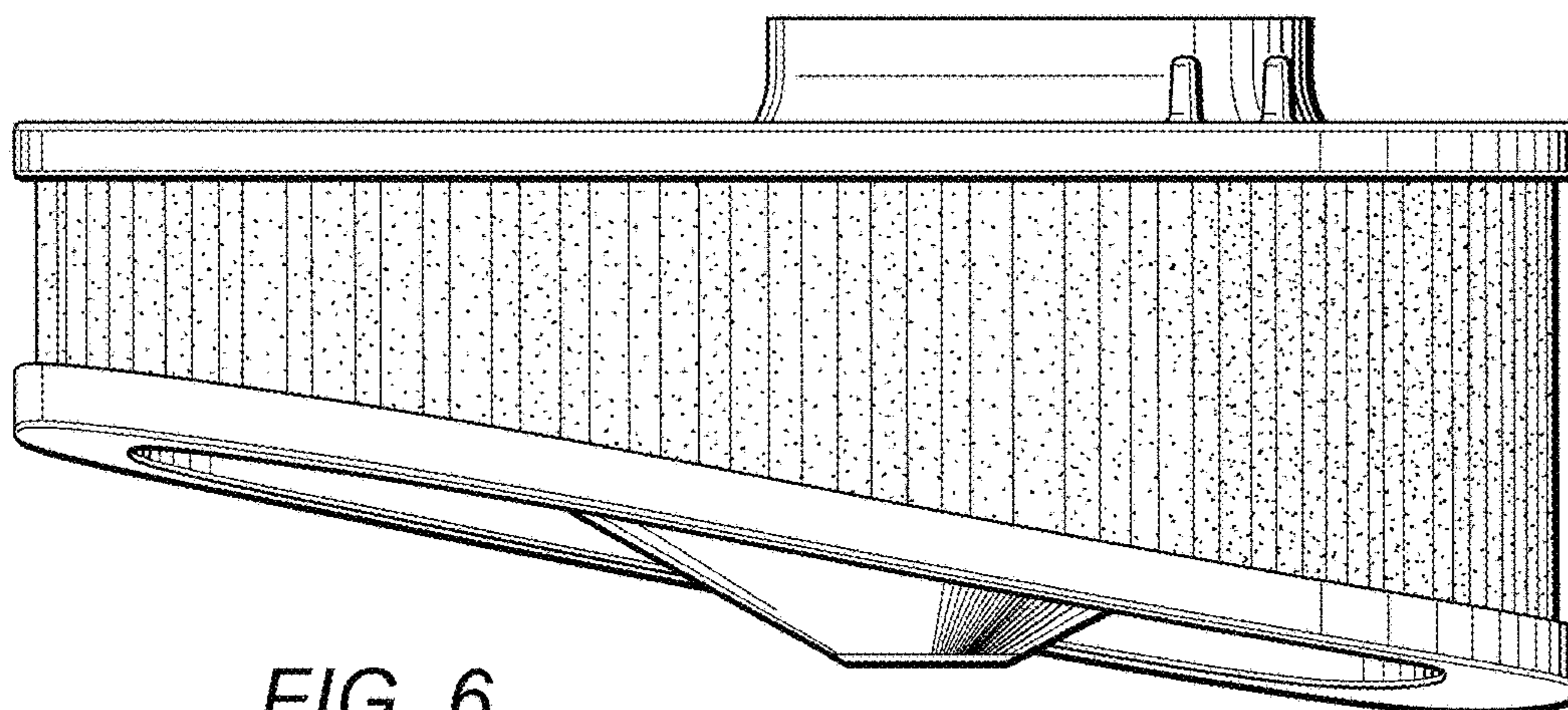


FIG. 6

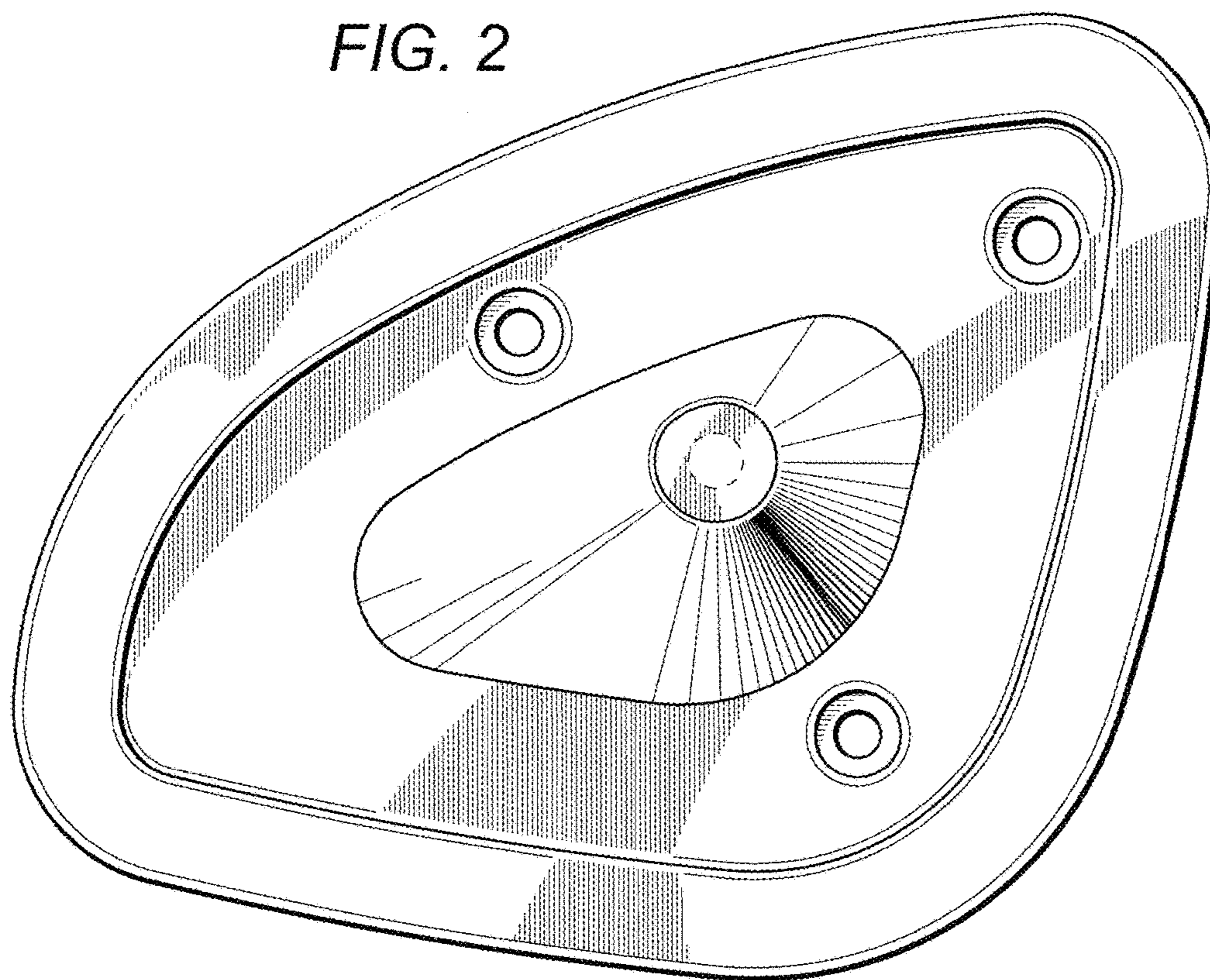


FIG. 2

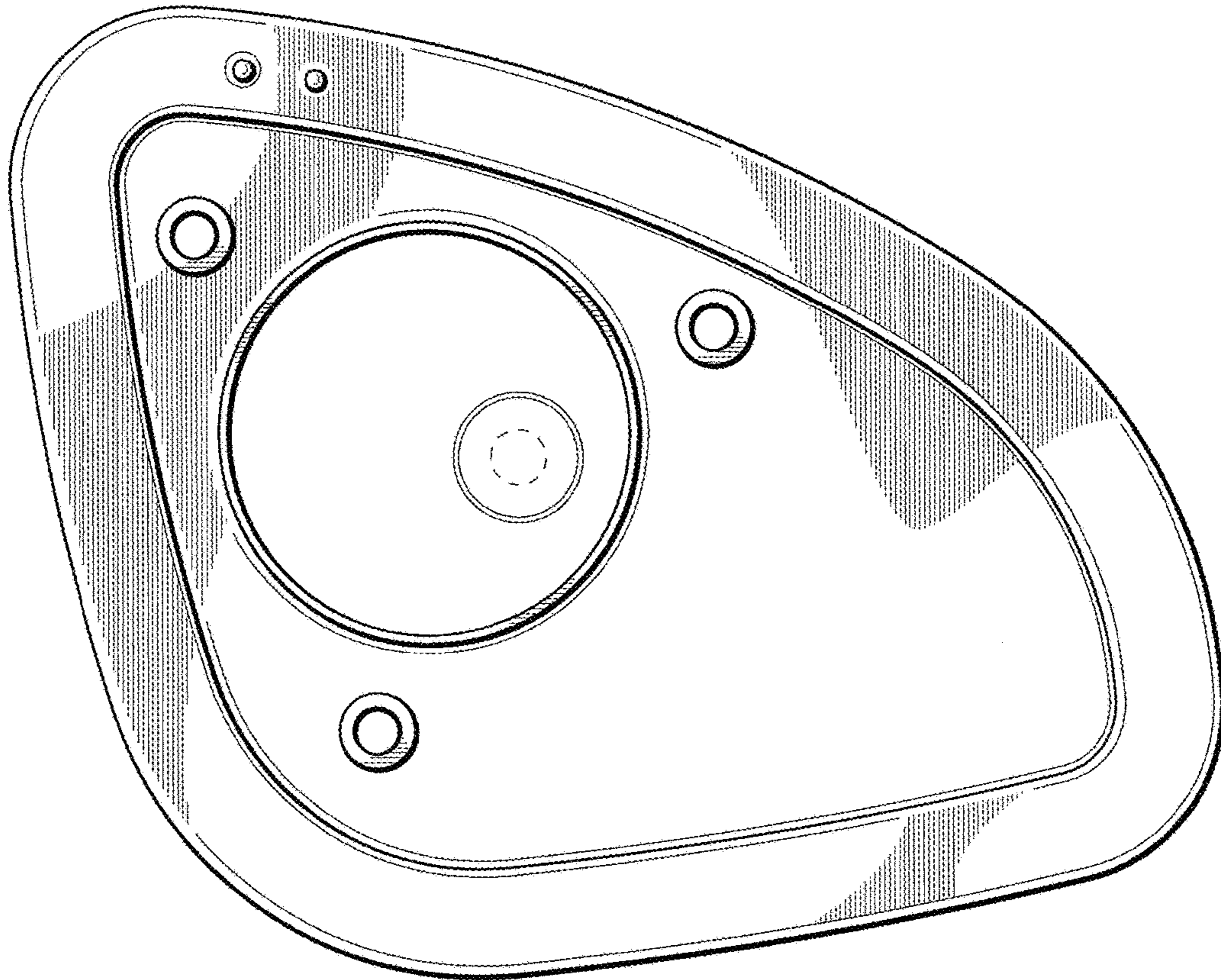


FIG. 3

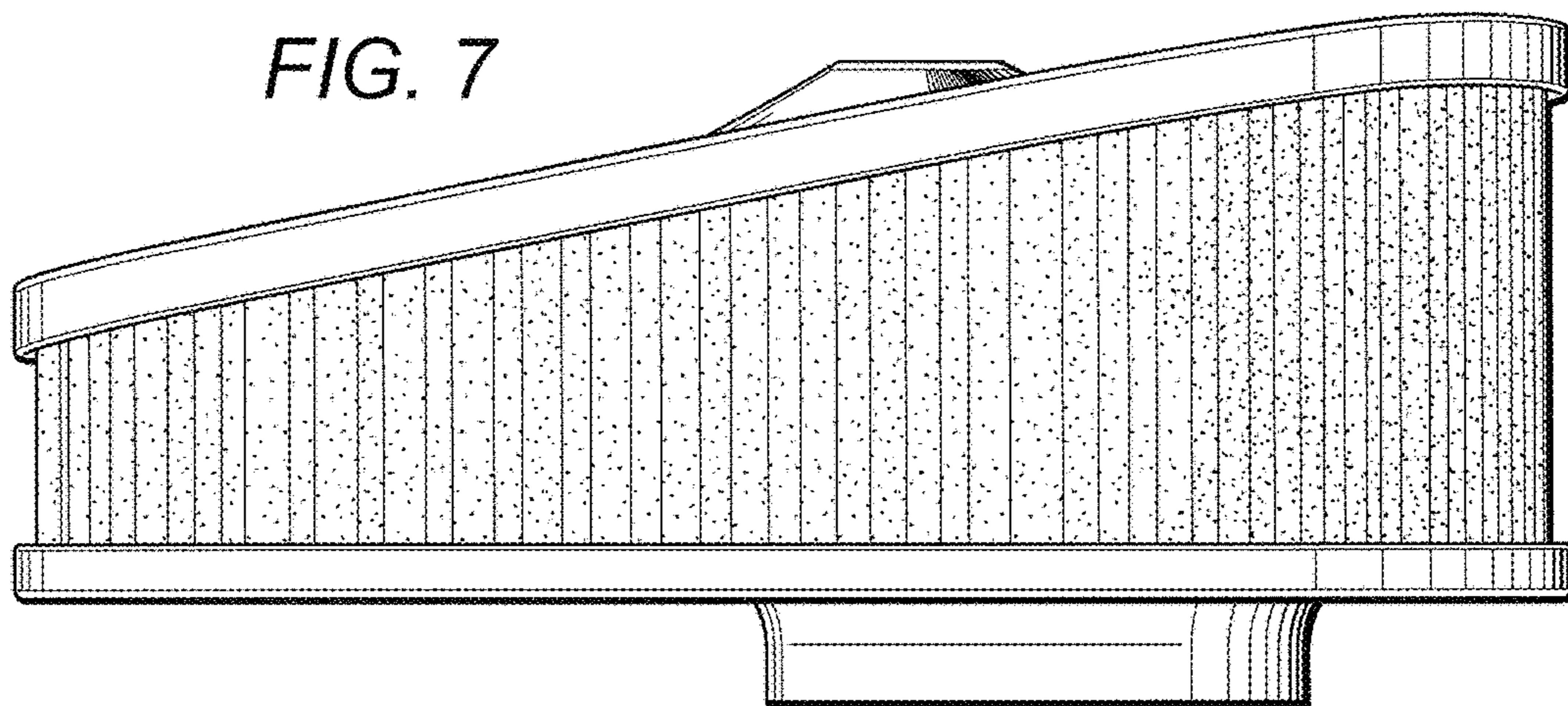


FIG. 7



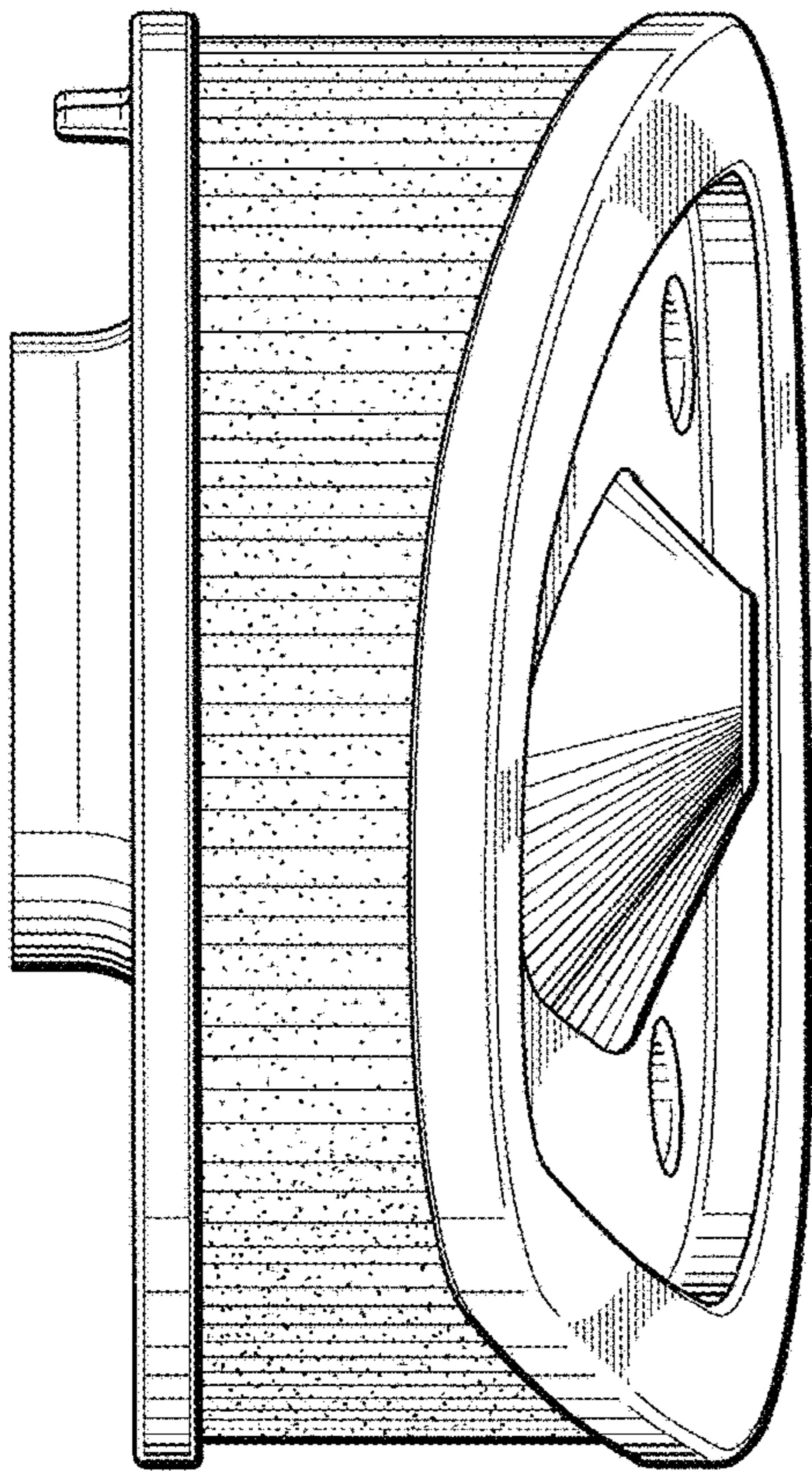


FIG. 4

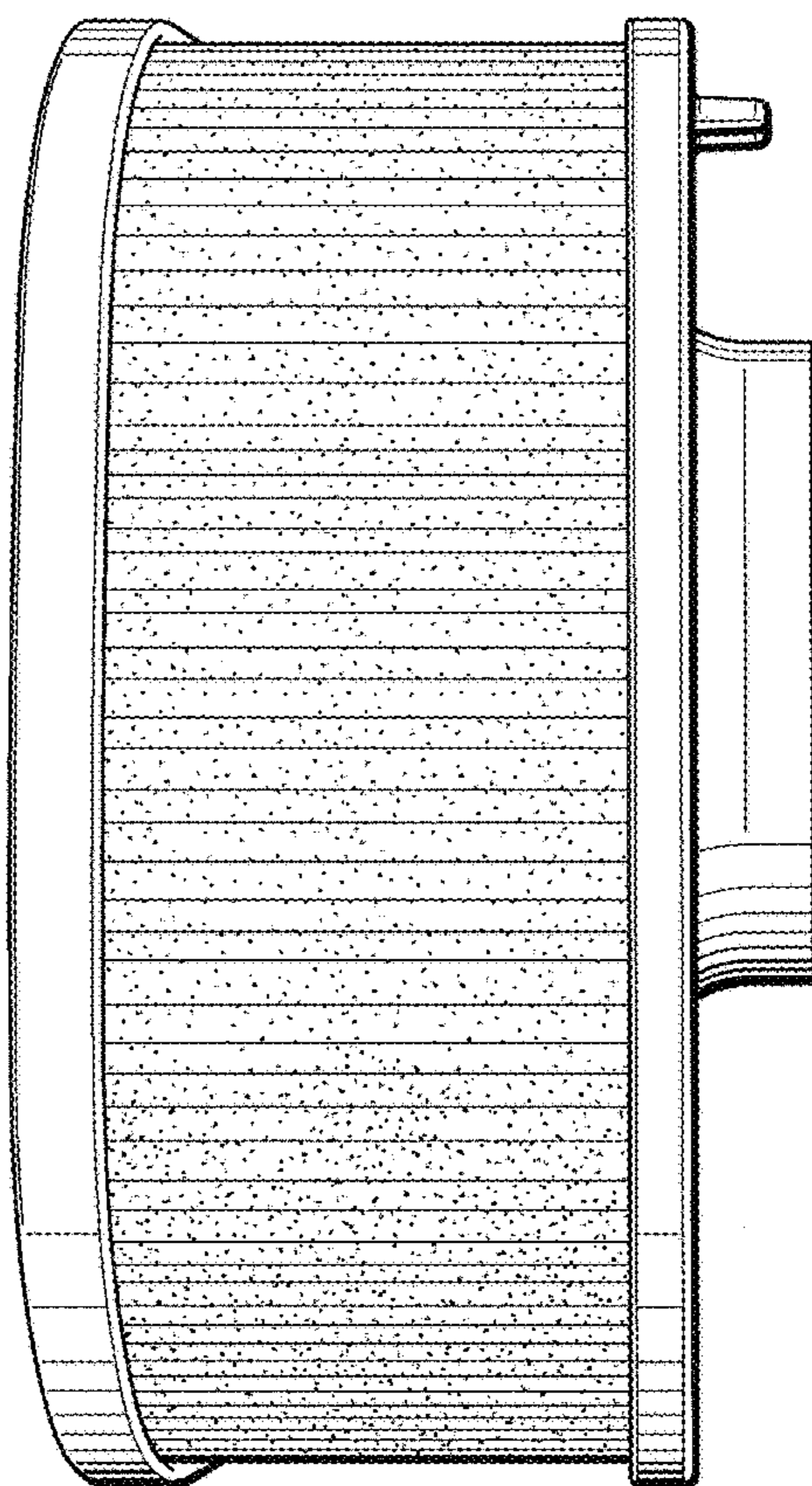


FIG. 5