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(12) **United States Design Patent**  
**Khalil**

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(54) **FILTER ASSEMBLY**  
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(US)  
(73) Assignee: **Royal Appliance Mfg. Co.**,  
Glenwillow, OH (US)  
(\*\*) Term: **14 Years**

6,156,198 A \* 12/2000 Bartels ..... 210/315  
D441,155 S 4/2001 Thur et al.  
6,260,234 B1 7/2001 Wright et al.  
6,341,404 B1 1/2002 Salo et al.  
D453,403 S 2/2002 Stephens et al.  
6,375,696 B2 4/2002 Wegelin et al.  
D470,216 S \* 2/2003 Gustafson et al. .... D23/209  
6,533,926 B2 \* 3/2003 Hawkins et al. .... 210/85  
D494,329 S 8/2004 Thur et al.  
D520,127 S \* 5/2006 Khalil ..... D23/365  
D521,137 S \* 5/2006 Khalil ..... D23/365

(21) Appl. No.: **29/237,958**  
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(51) **LOC (8) Cl.** ..... **23-04**  
(52) **U.S. Cl.** ..... **D23/365; D32/31**  
(58) **Field of Classification Search** ..... D23/209,  
D23/365; 210/497.01, 493.1, 493.5; 55/521;  
D32/30-1  
See application file for complete search history.

**OTHER PUBLICATIONS**

Photographs of General Electric Filter, 3 Sheets, Circa 2003.  
Photograph of Bissel Filter, 1 Sheets, Circa 2003.

\* cited by examiner

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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,486,625 A \* 12/1969 Winfield ..... 210/232  
4,243,397 A 1/1981 Tokar et al.  
4,882,055 A 11/1989 Stamstad  
4,961,847 A 10/1990 Amr  
5,250,179 A 10/1993 Spearman  
5,267,371 A 12/1993 Soler et al.  
5,603,740 A 2/1997 Roy  
5,685,887 A 11/1997 Mochida  
5,753,071 A 5/1998 Spencer  
D400,323 S \* 10/1998 Scanlon et al. .... D32/30  
6,026,540 A 2/2000 Wright et al.  
D425,270 S 5/2000 Zahuranec  
6,070,291 A 6/2000 Bair et al.

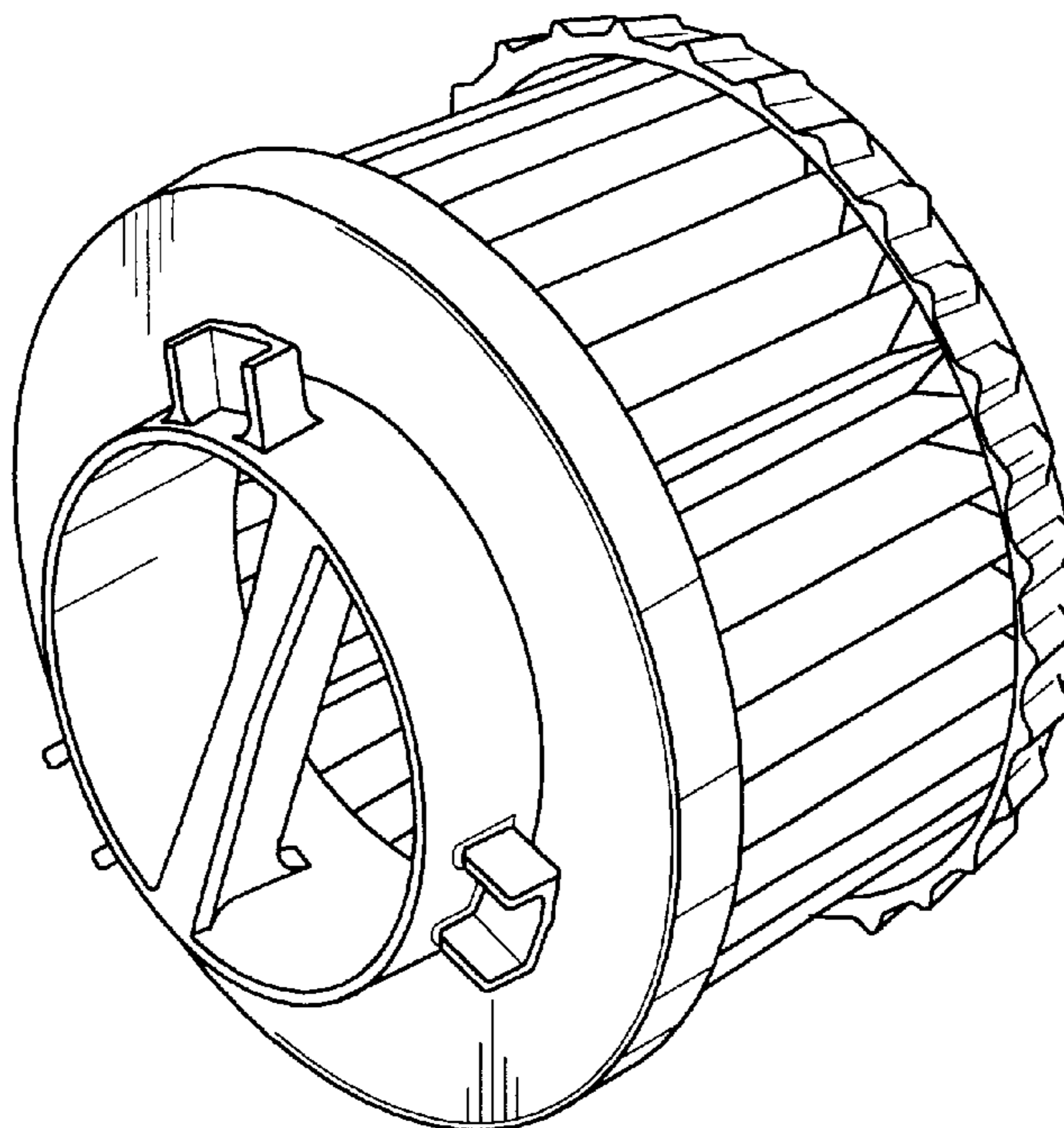
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a filter assembly illustrating my new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a rear elevational view thereof; and,  
FIG. 7 is a front elevational view thereof.

**1 Claim, 2 Drawing Sheets**



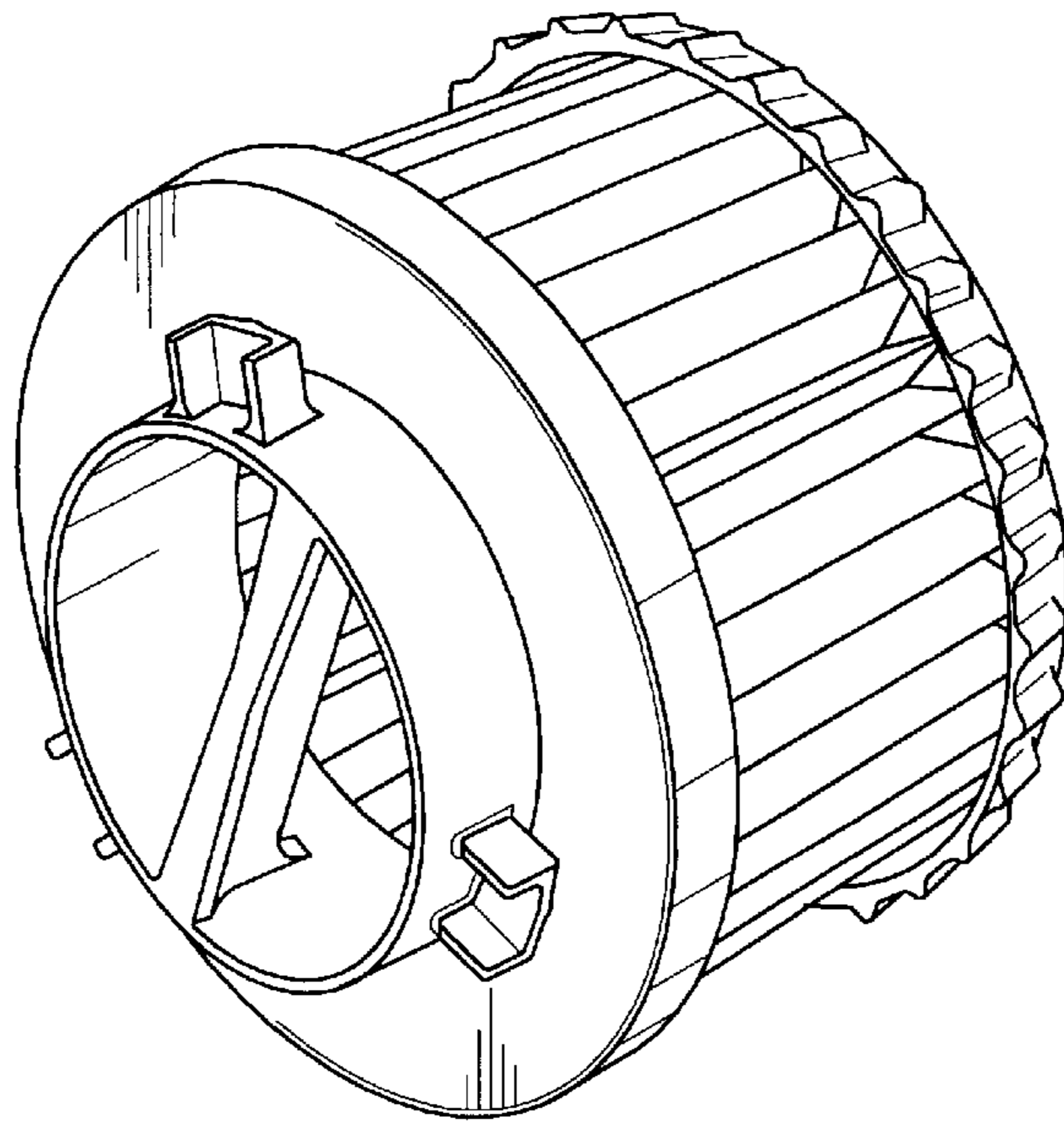


FIG. 1

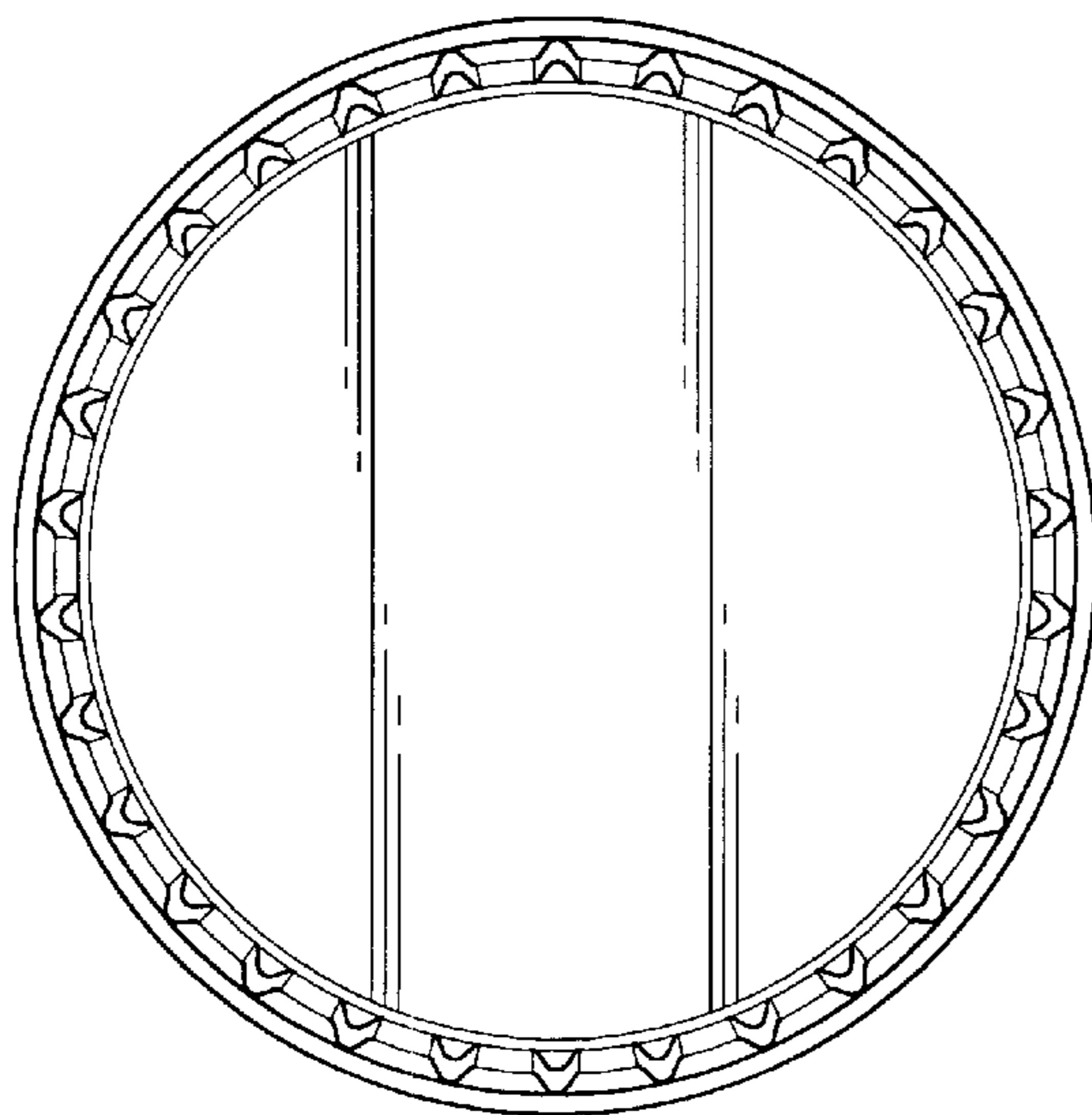


FIG. 2

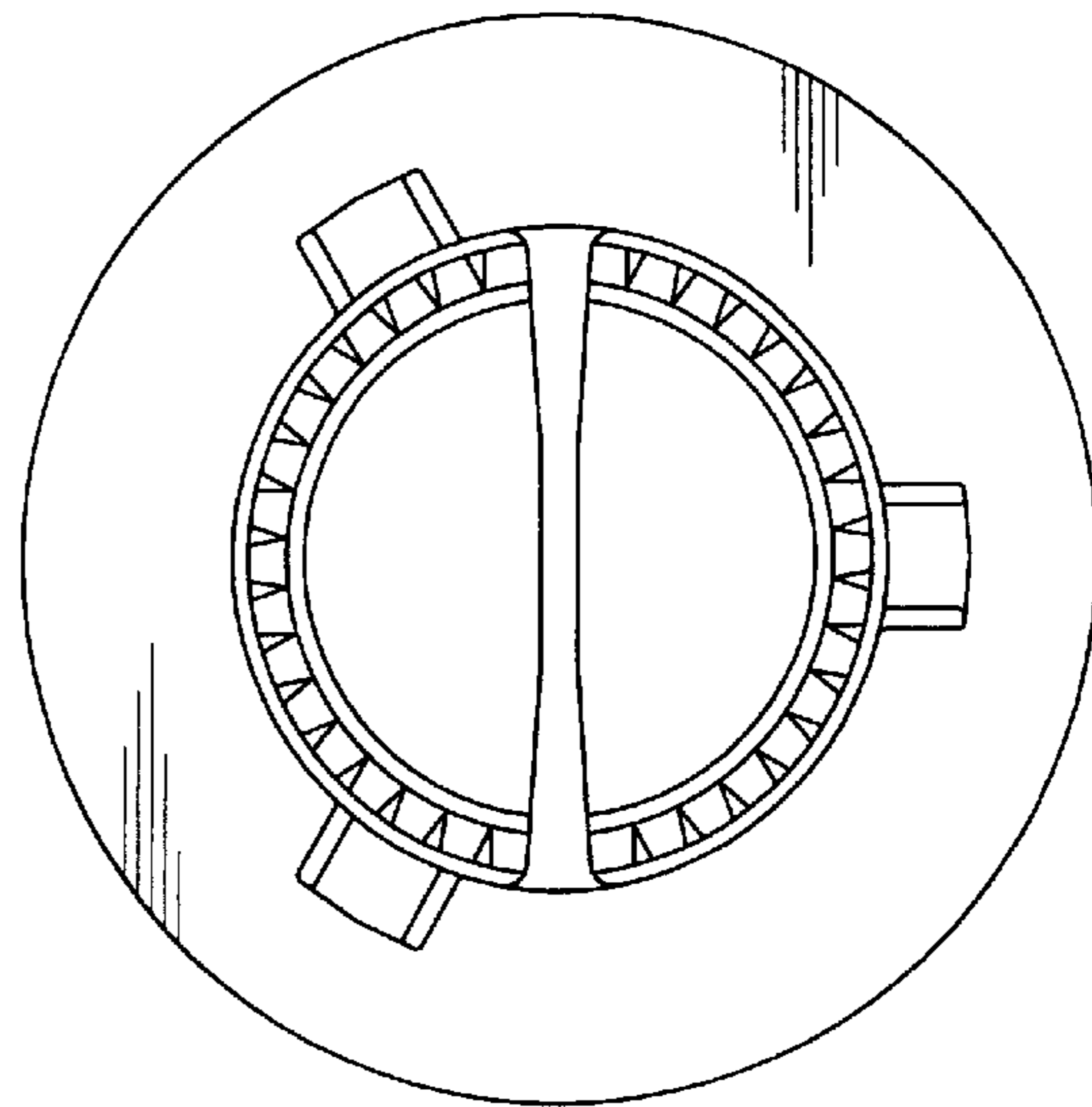


FIG. 3

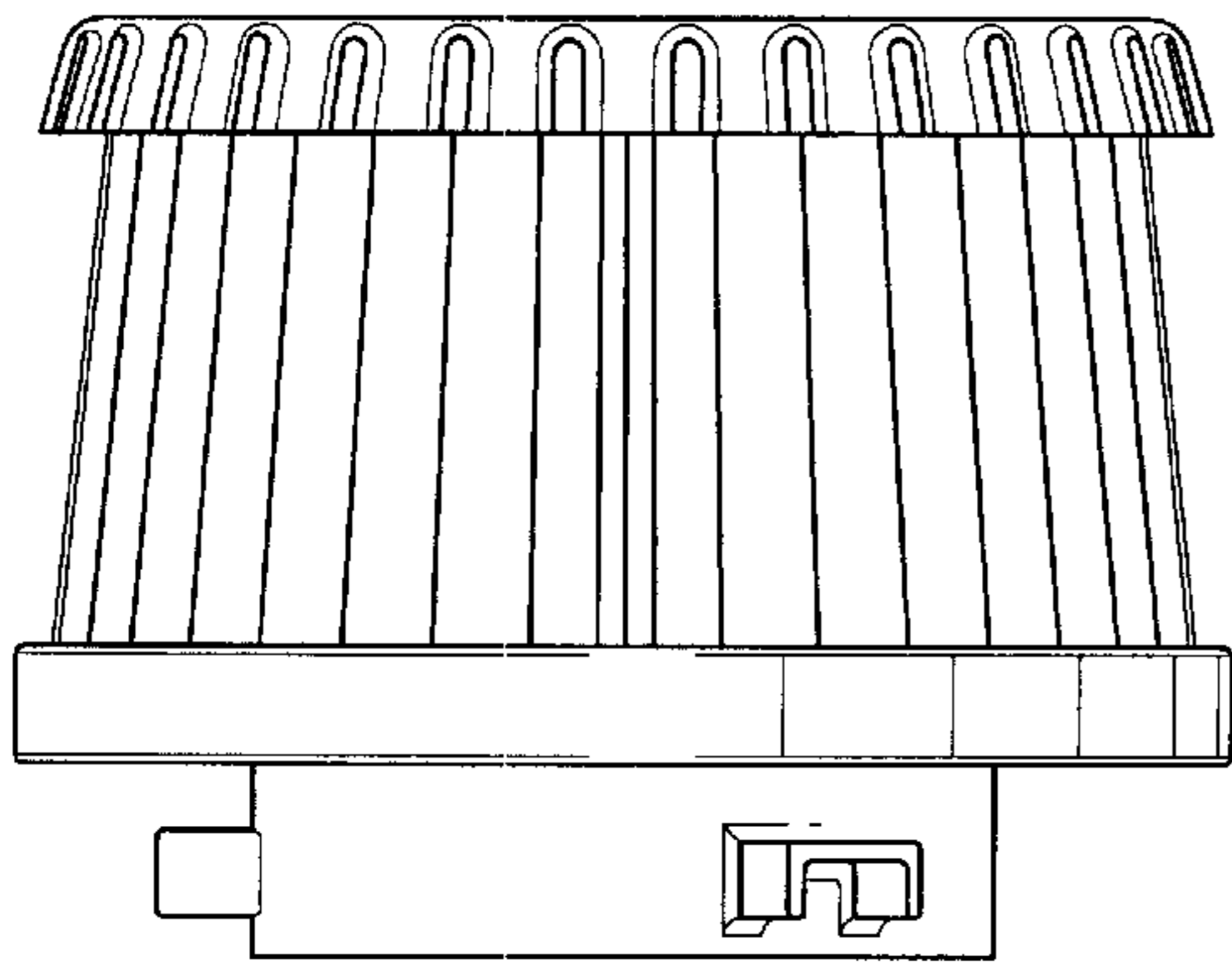


FIG. 4

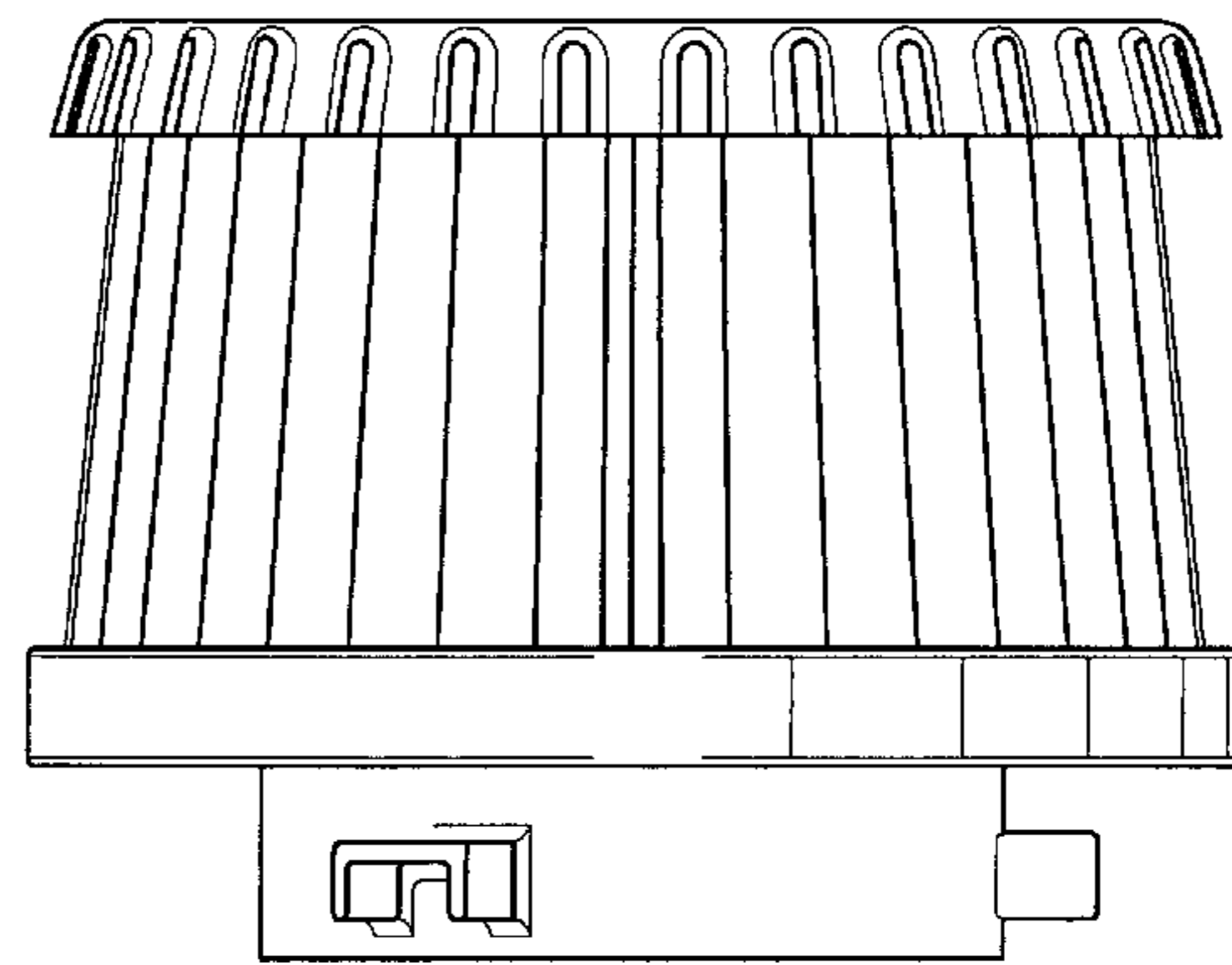


FIG. 5

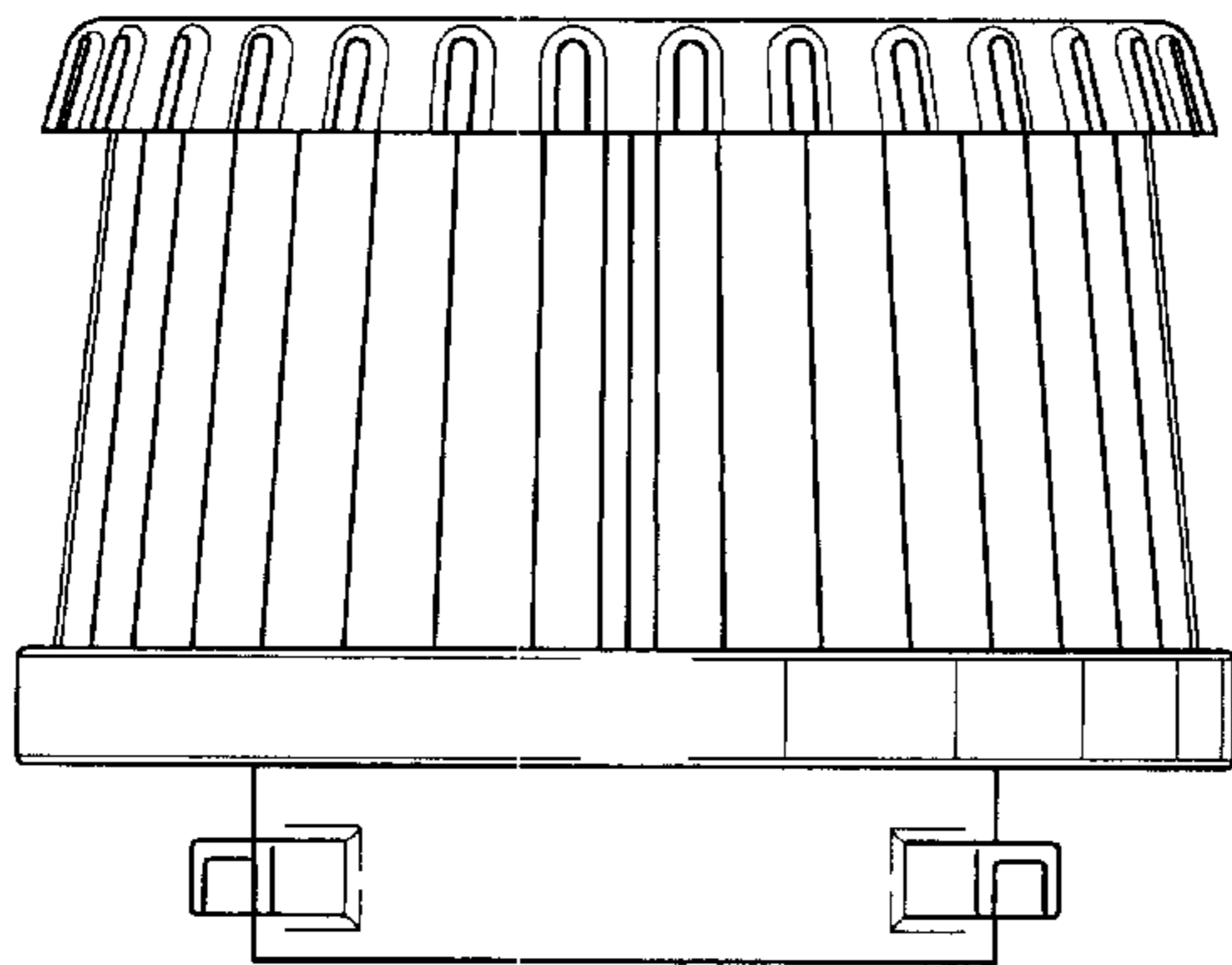


FIG. 6

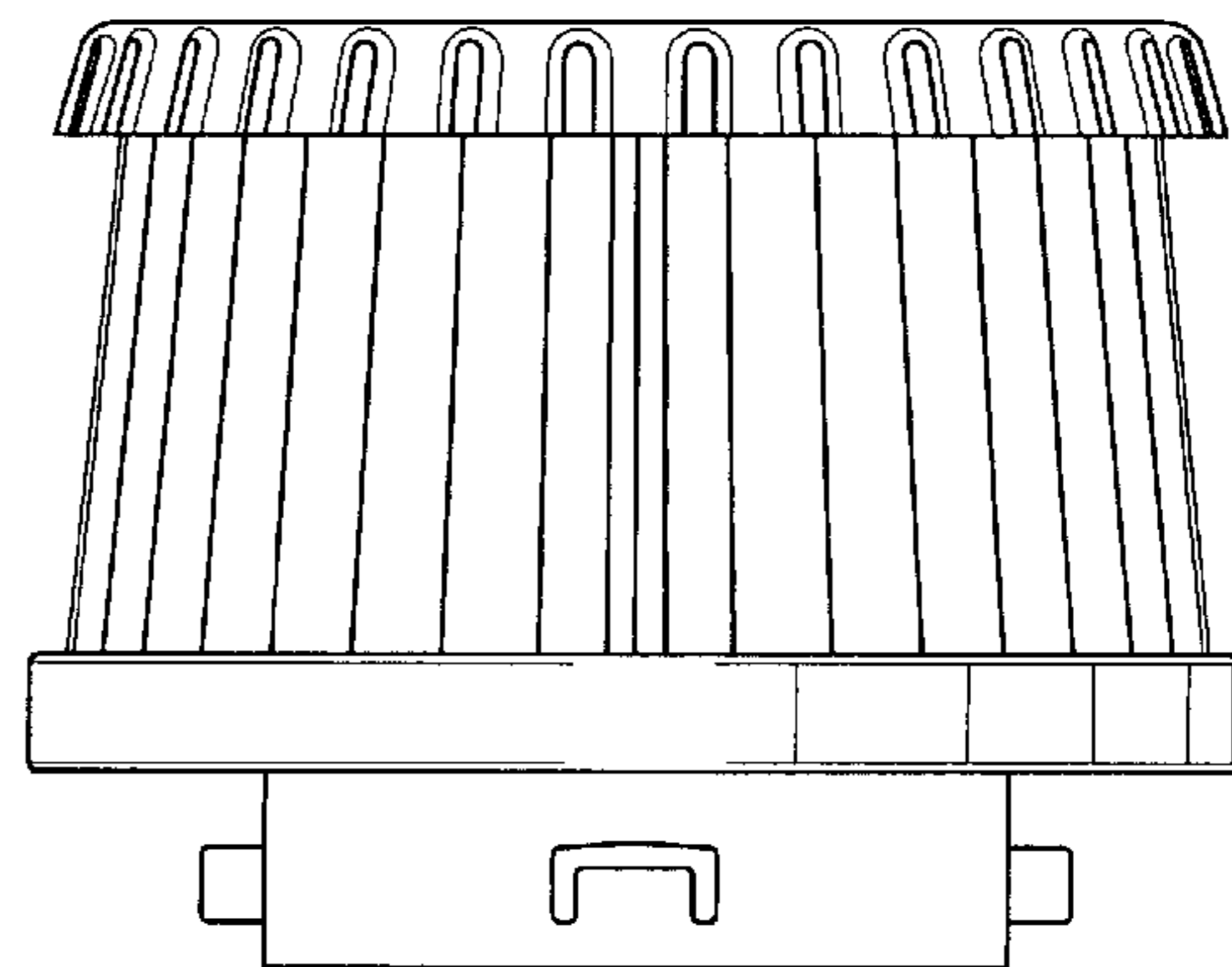


FIG. 7