



US00D411552S

# United States Patent <sup>[19]</sup> Miles

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[45] **Date of Patent: \*\* Jun. 29, 1999**

[54] **MULTI-LOBAL REAR CHUCK SLEEVE**

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[73] Assignee: **Power Tool Holders Incorporated**,  
Wilmington, Del.

[\*\*] Term: **14 Years**

[21] Appl. No.: **29/084,514**

[22] Filed: **Mar. 4, 1998**

[51] **LOC (6) Cl.** ..... **15-09**

[52] **U.S. Cl.** ..... **D15/140; D8/70**

[58] **Field of Search** ..... **D15/140; D8/70,**  
**D8/61, 68-69; 279/60-66**

[56] **References Cited**

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D. 361,076	8/1995	Shadeck et al. .	
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**OTHER PUBLICATIONS**

Twelve (12) photographs of drill chuck.

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[57] **CLAIM**

The ornamental design of a multi-lobal rear chuck sleeve, as shown and described.

**DESCRIPTION**

FIG. 1 is a bottom view of a multi-lobal rear chuck sleeve in accordance with the present invention.

FIG. 2 is a side view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1.

FIG. 3 is a top view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1.

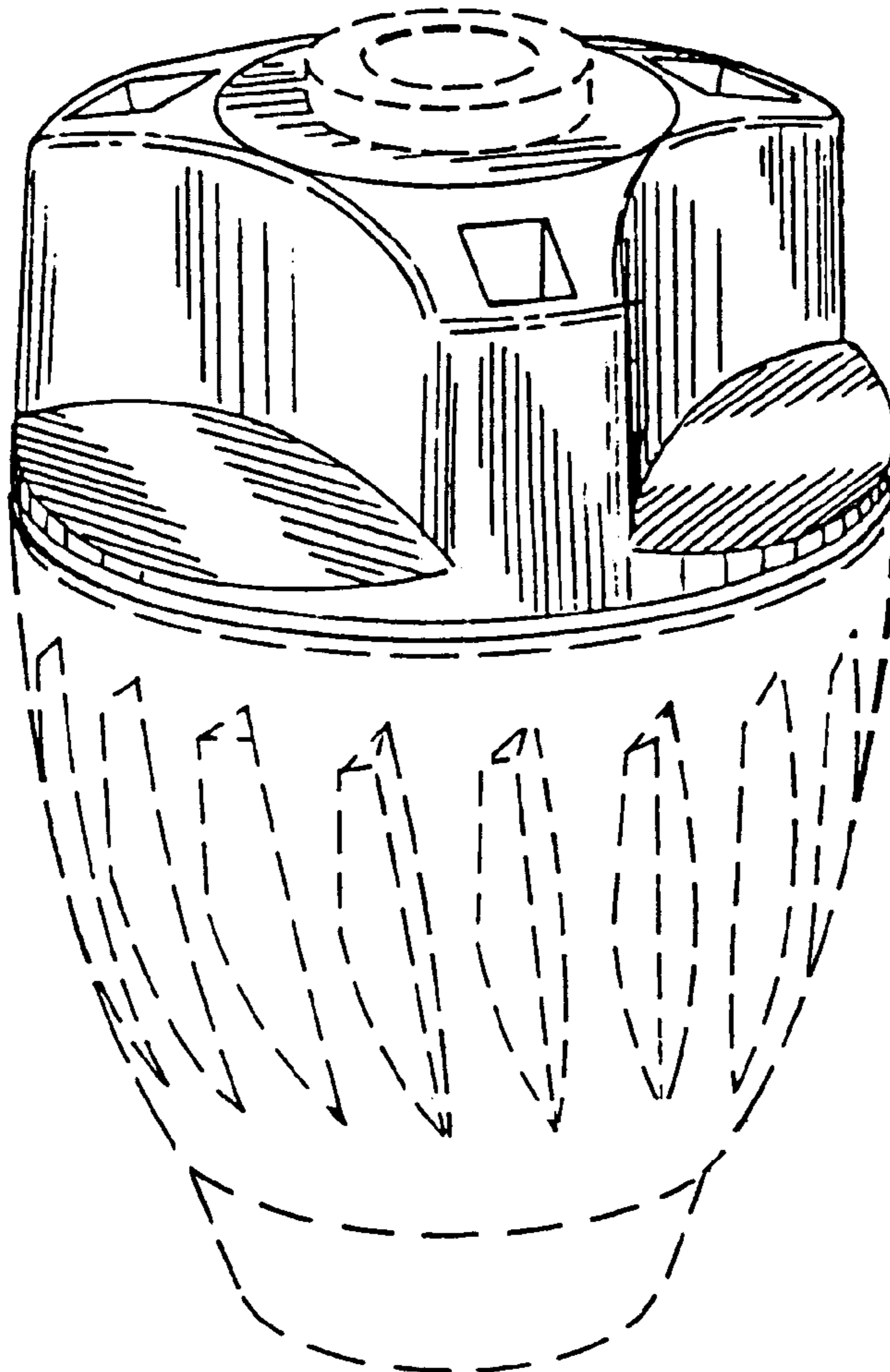
FIG. 4 is another side view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1.

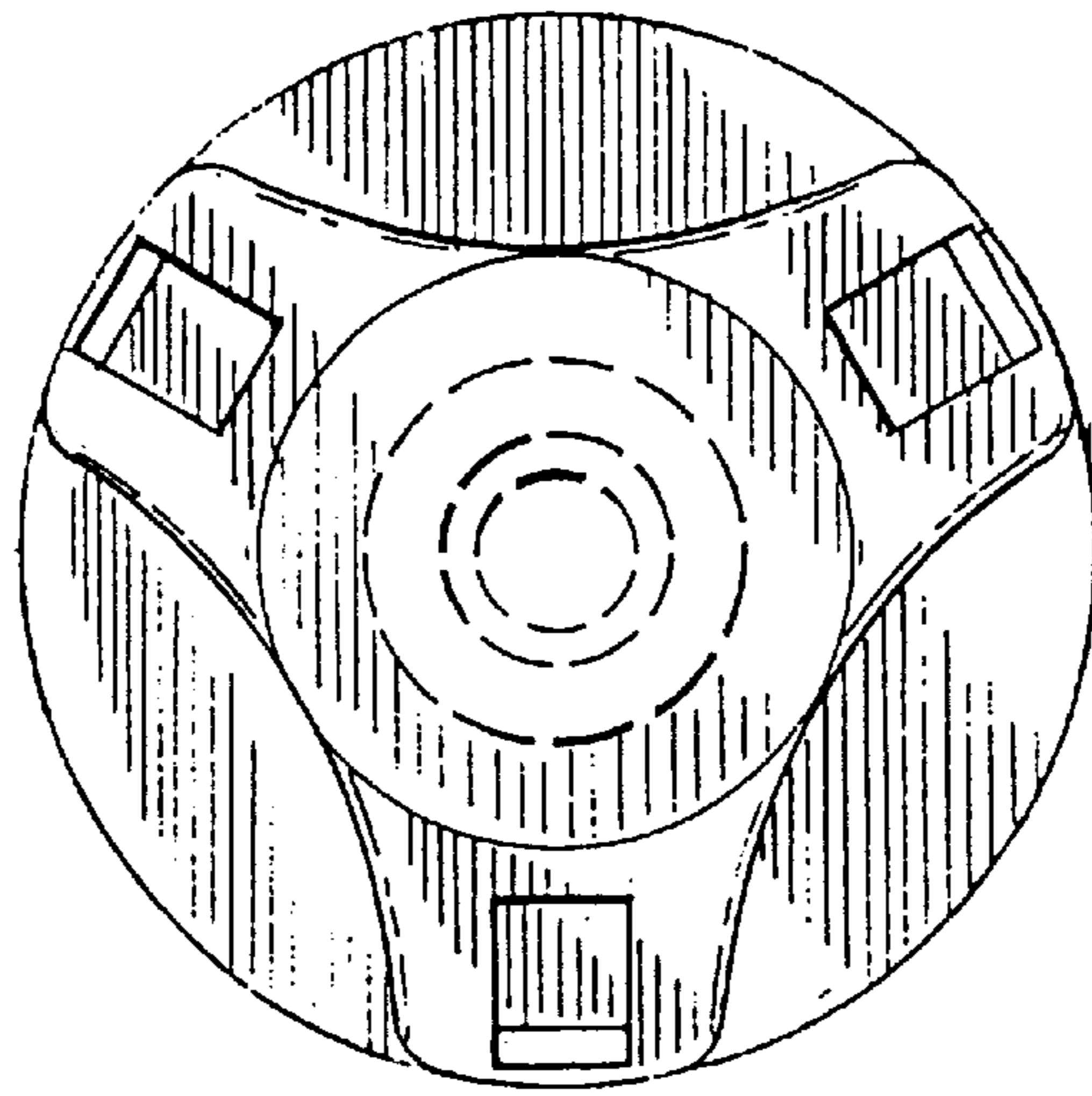
FIG. 5 is another side view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1.

FIG. 6 is a front perspective view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1; and,

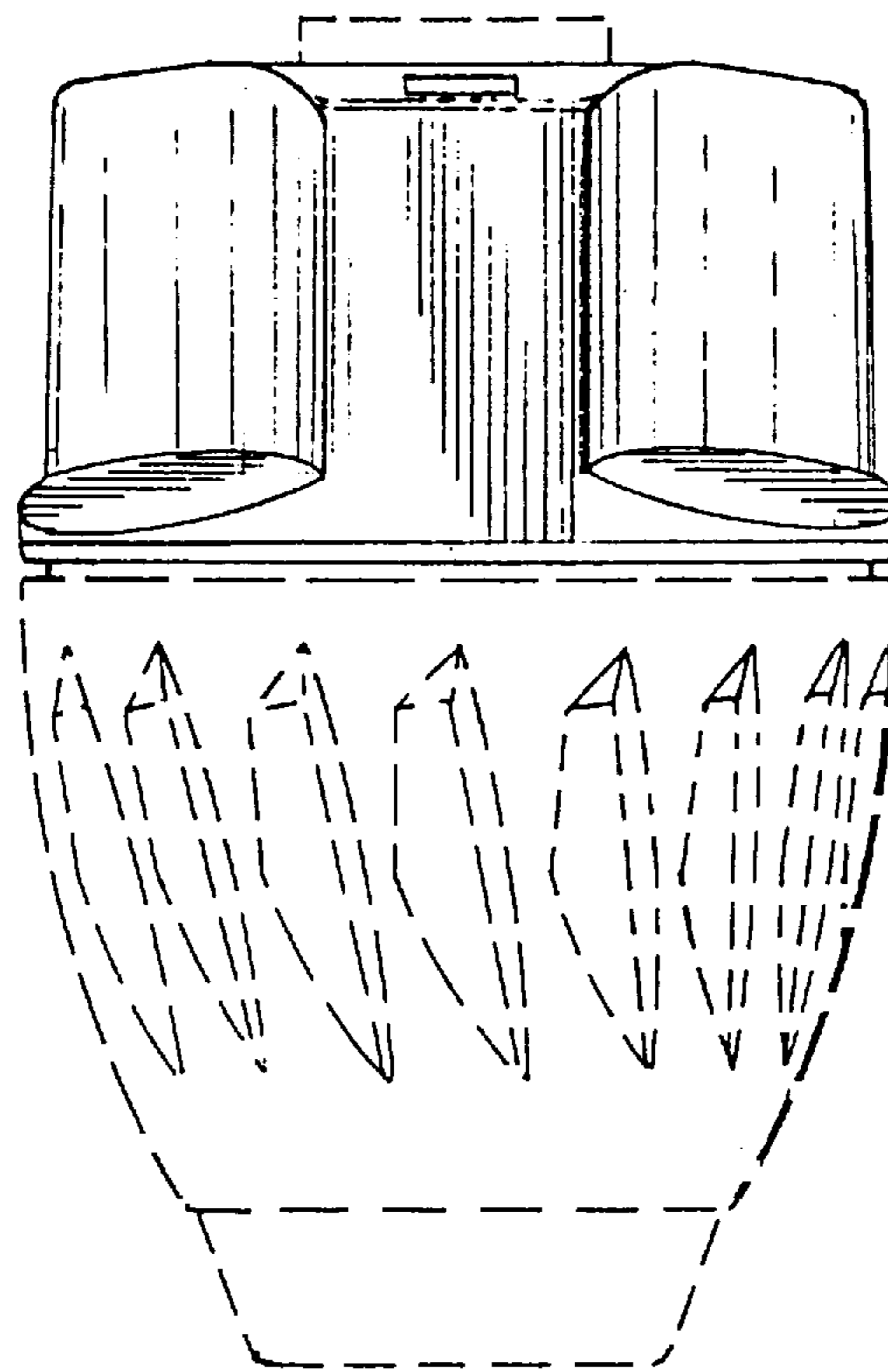
FIG. 7 is a rear perspective view of the multi-lobal rear chuck sleeve as illustrated in FIG. 1.

**1 Claim, 4 Drawing Sheets**

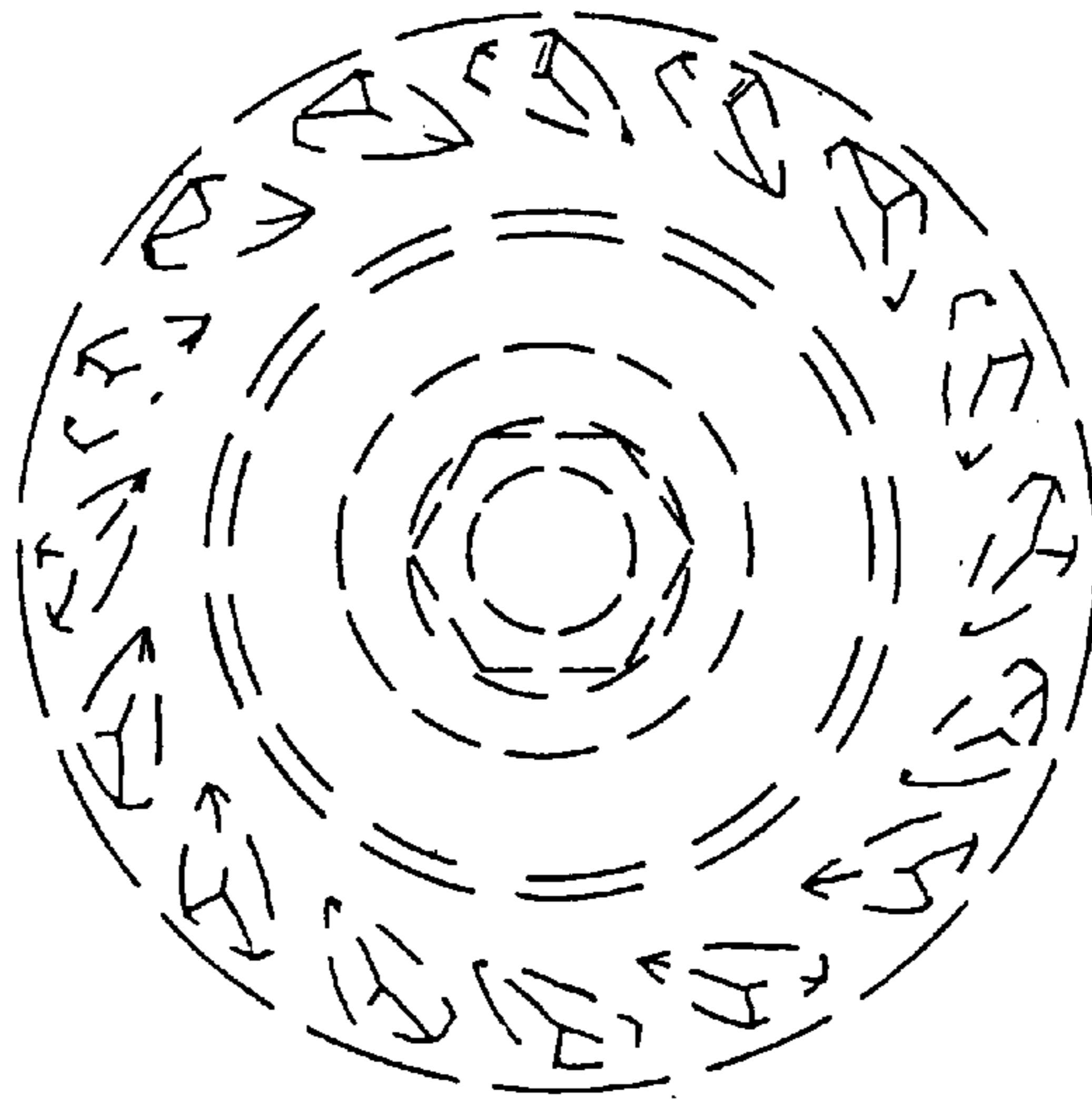




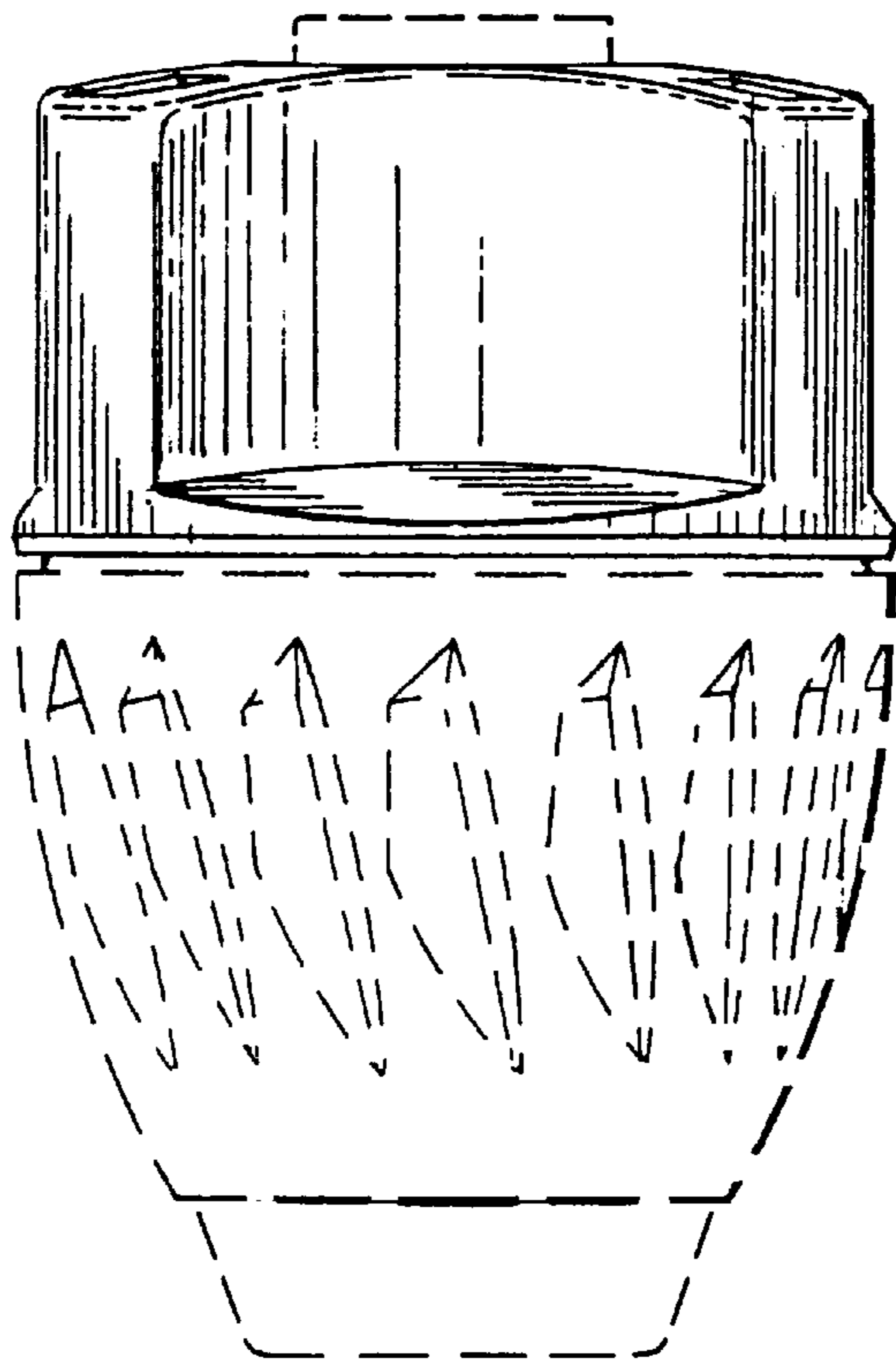
*Fig. 1*



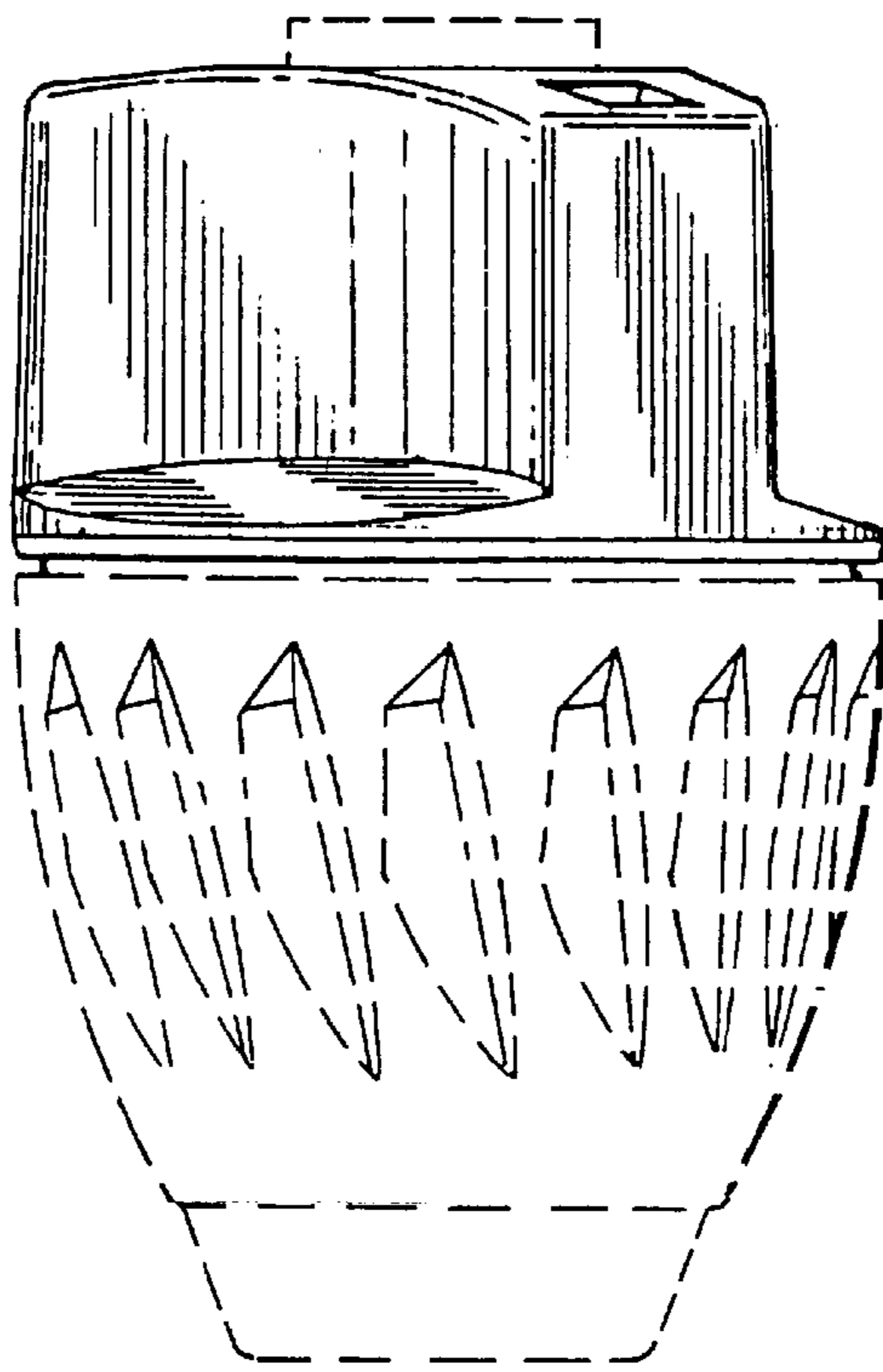
*Fig. 2*



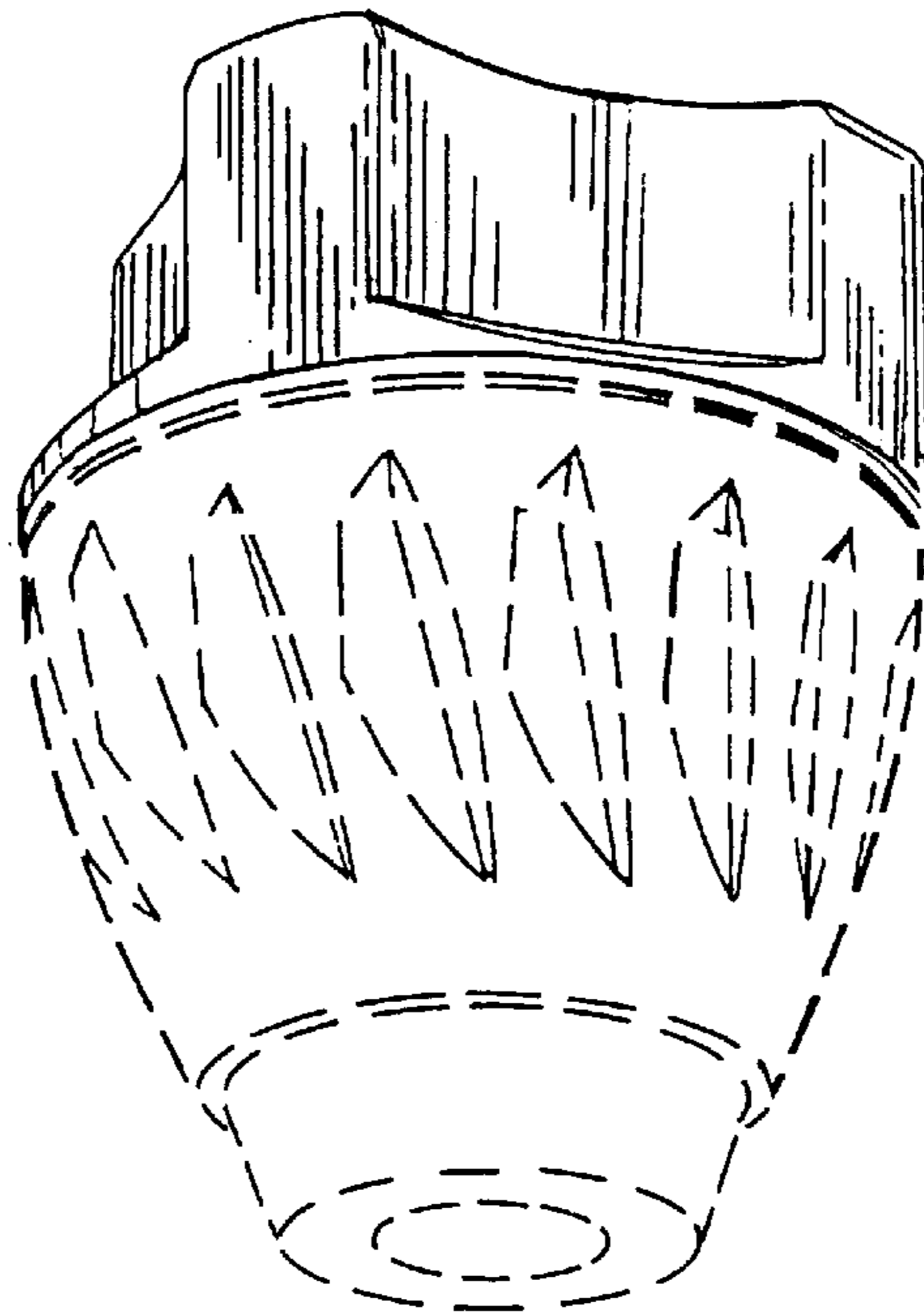
*Fig. 3*



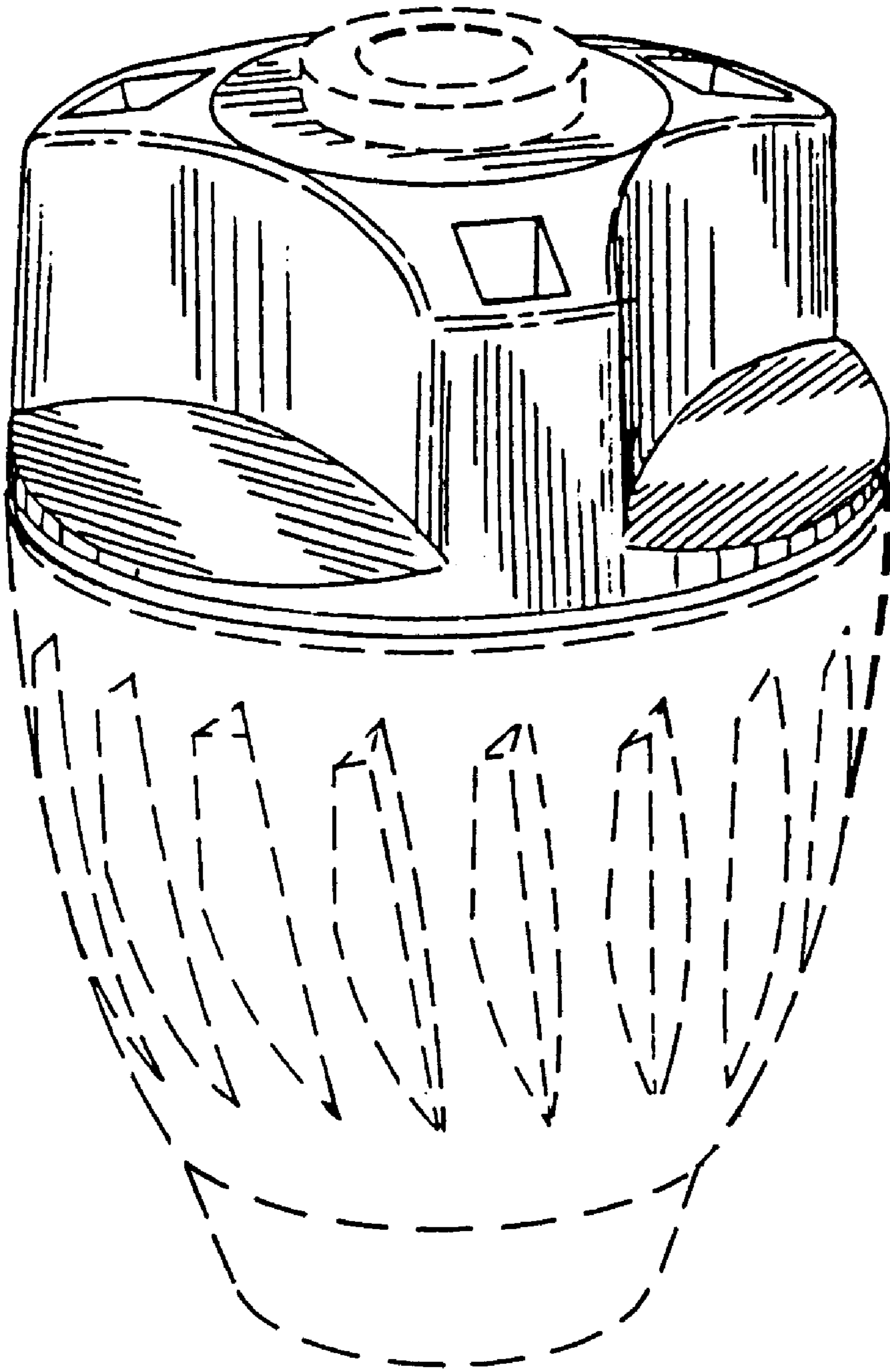
*Fig. 4*



*Fig. 5*



*Fig. 6*



*Fig. 7*