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United States Patent [19]

Miles

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

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

[75] Inventor: **Kevin C. Miles**, Clemson, S.C.

[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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Twelve (12) photographs of drill chuck.

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Attorney, Agent, or Firm—Dority & Manning, P.A.

[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**.

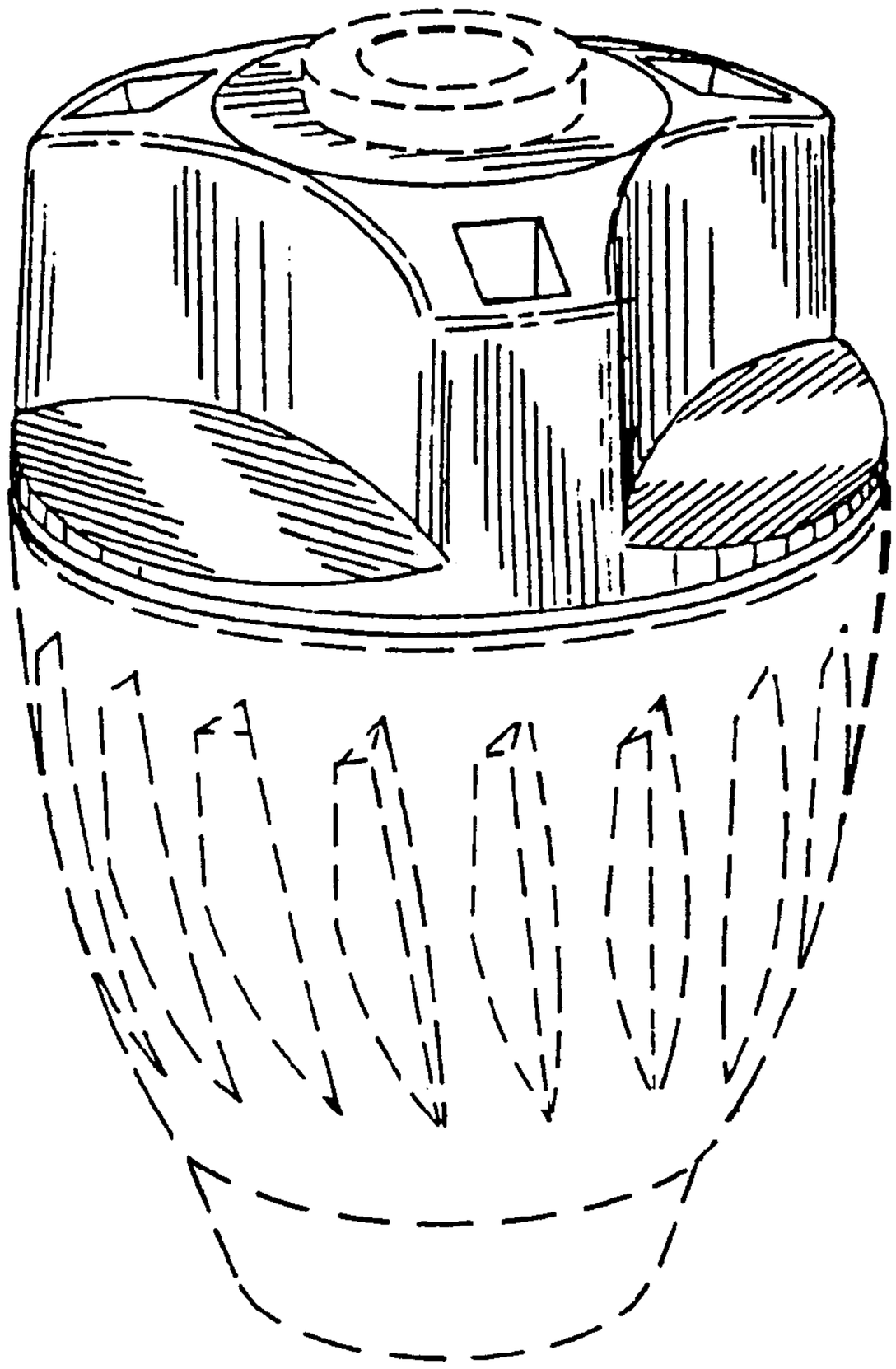
FIG. **4** is another side view of the multi-lobal rear chuck sleeve as illustrated in FIG. **1**.

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



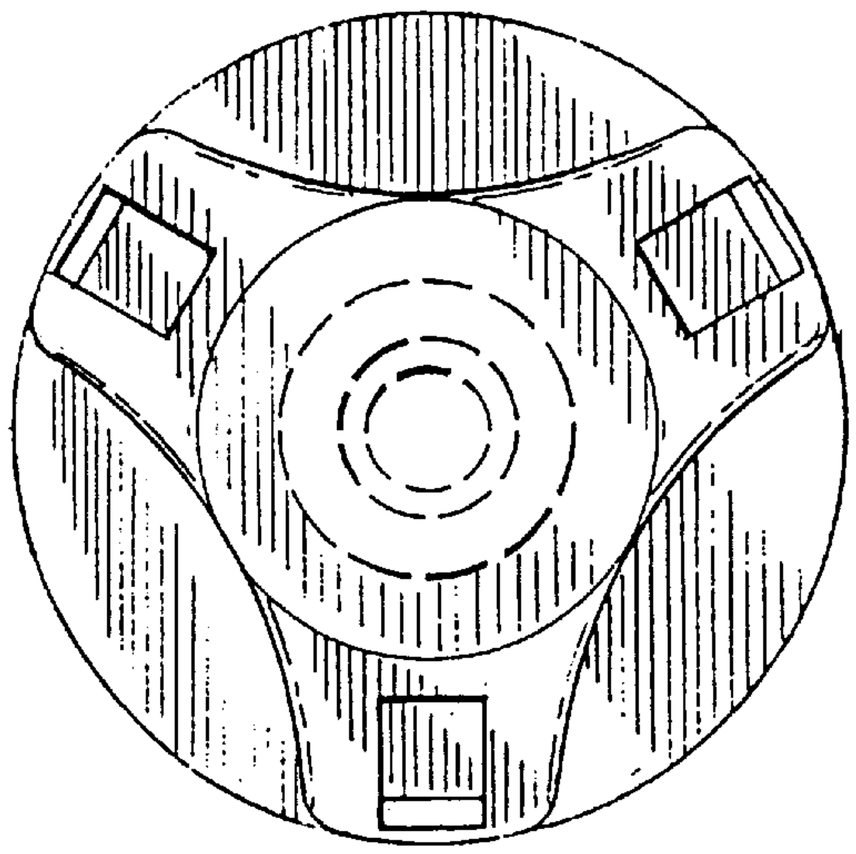


Fig. 1

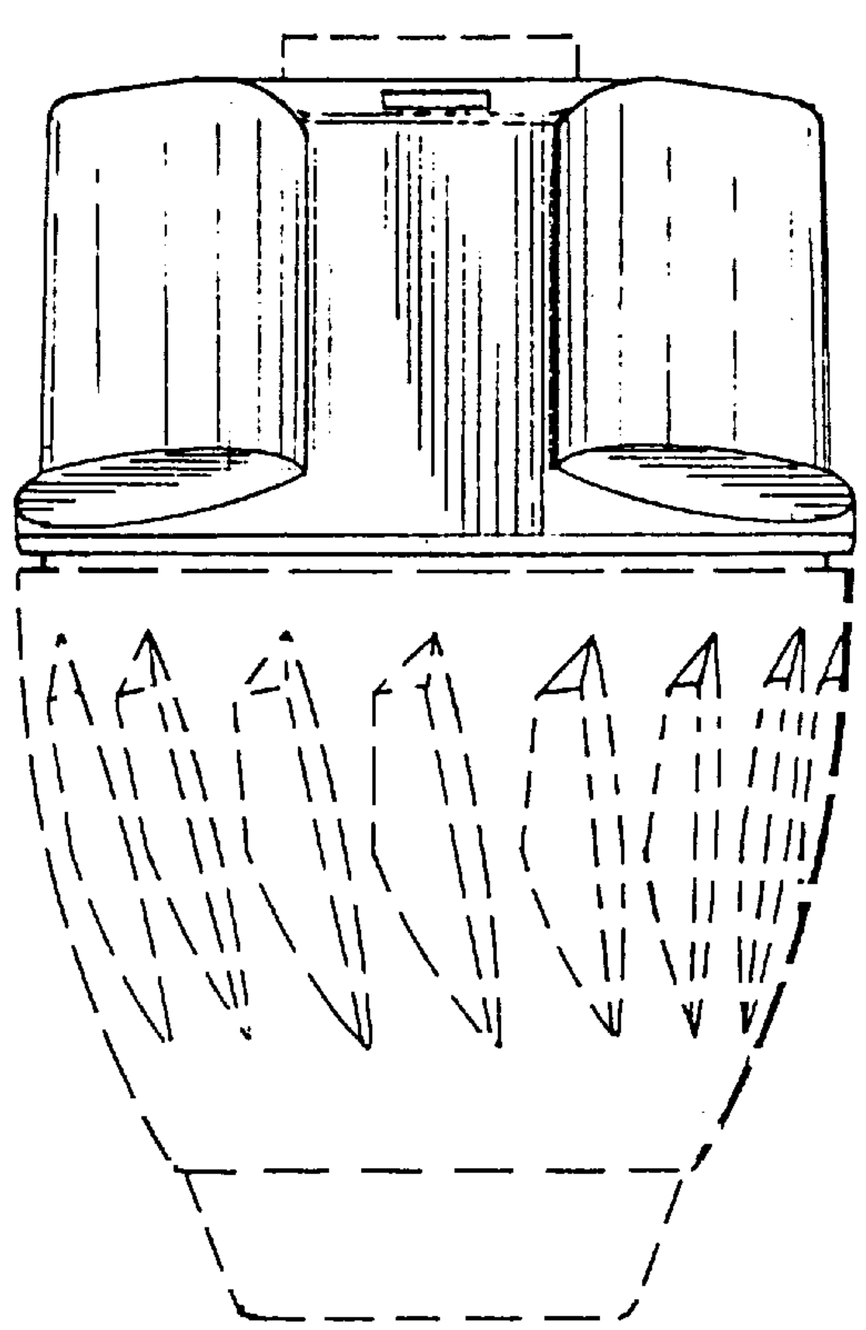


Fig. 2

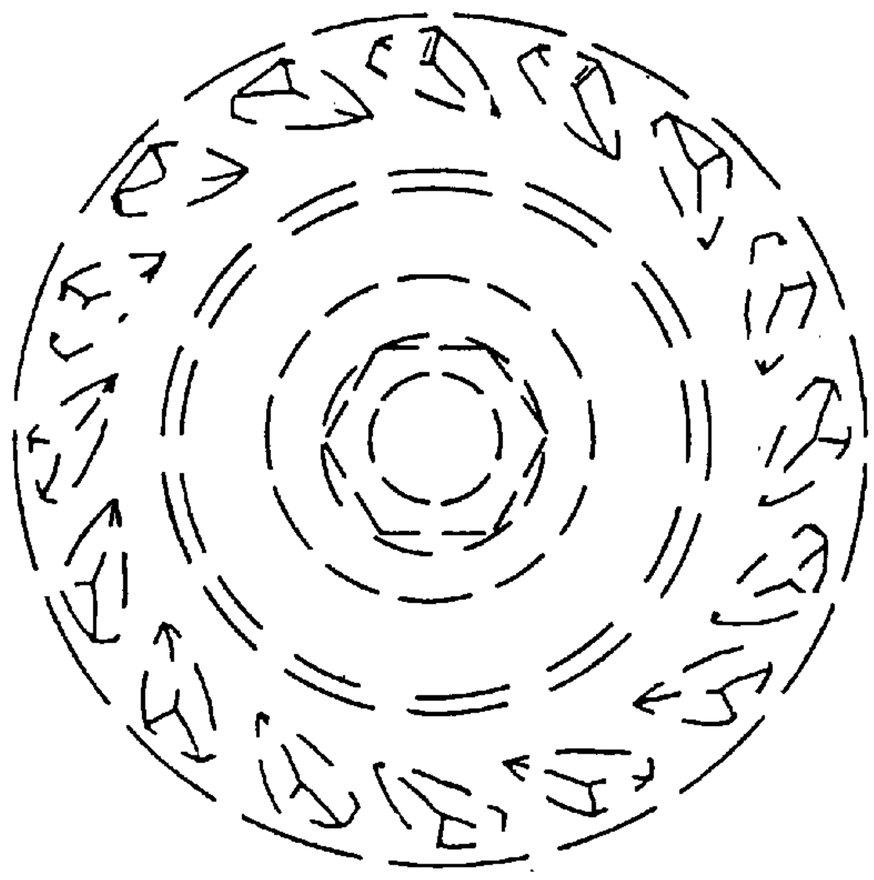


Fig. 3

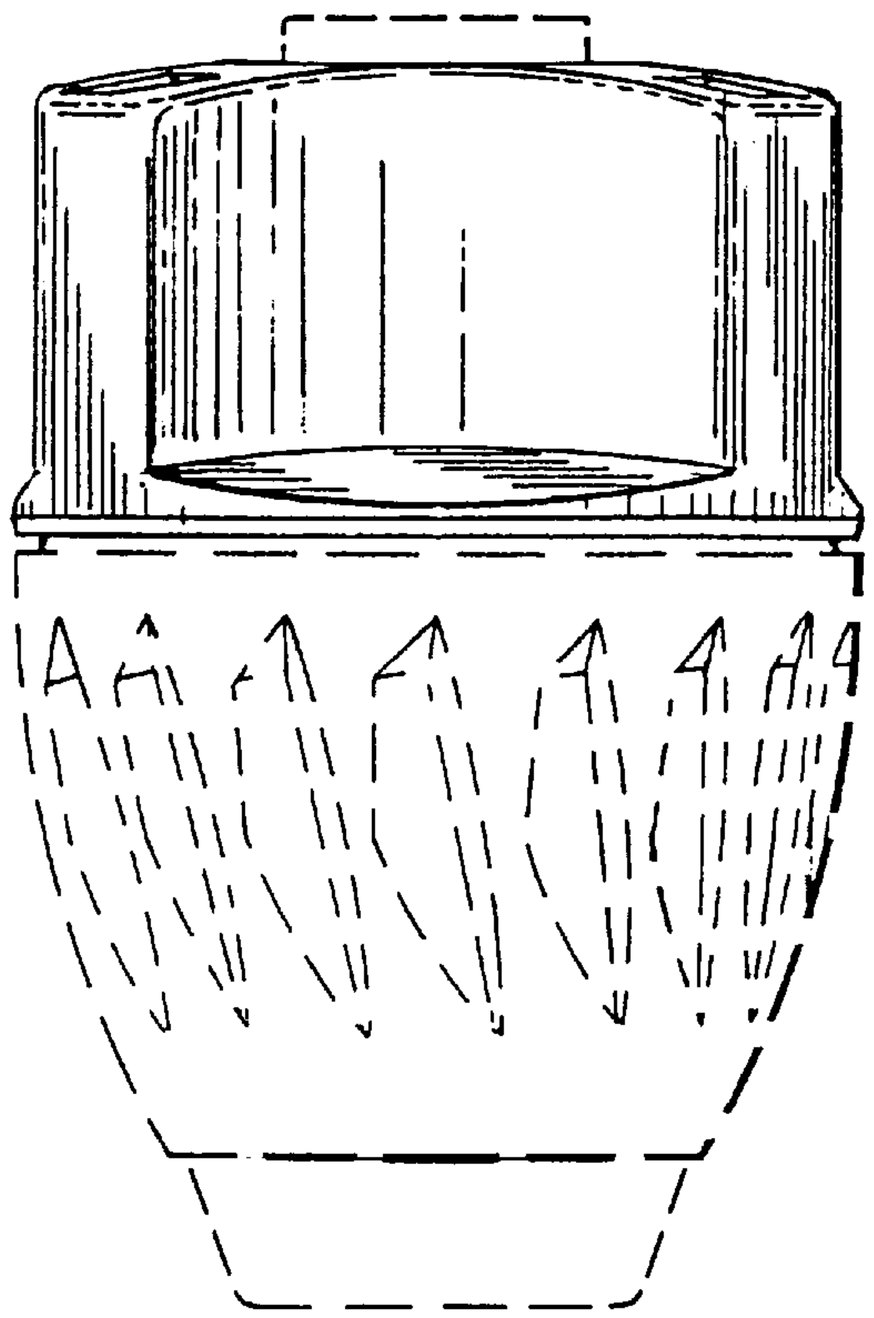


Fig. 4

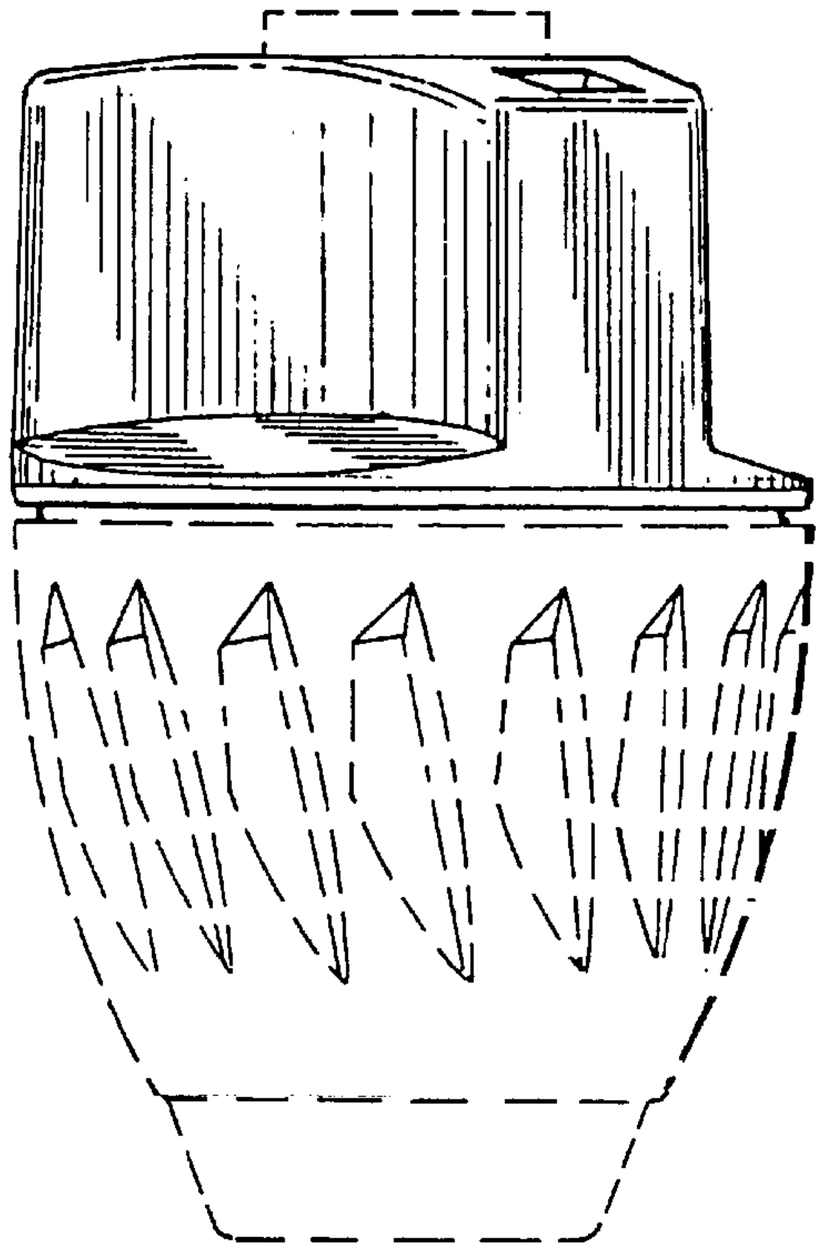


Fig. 5

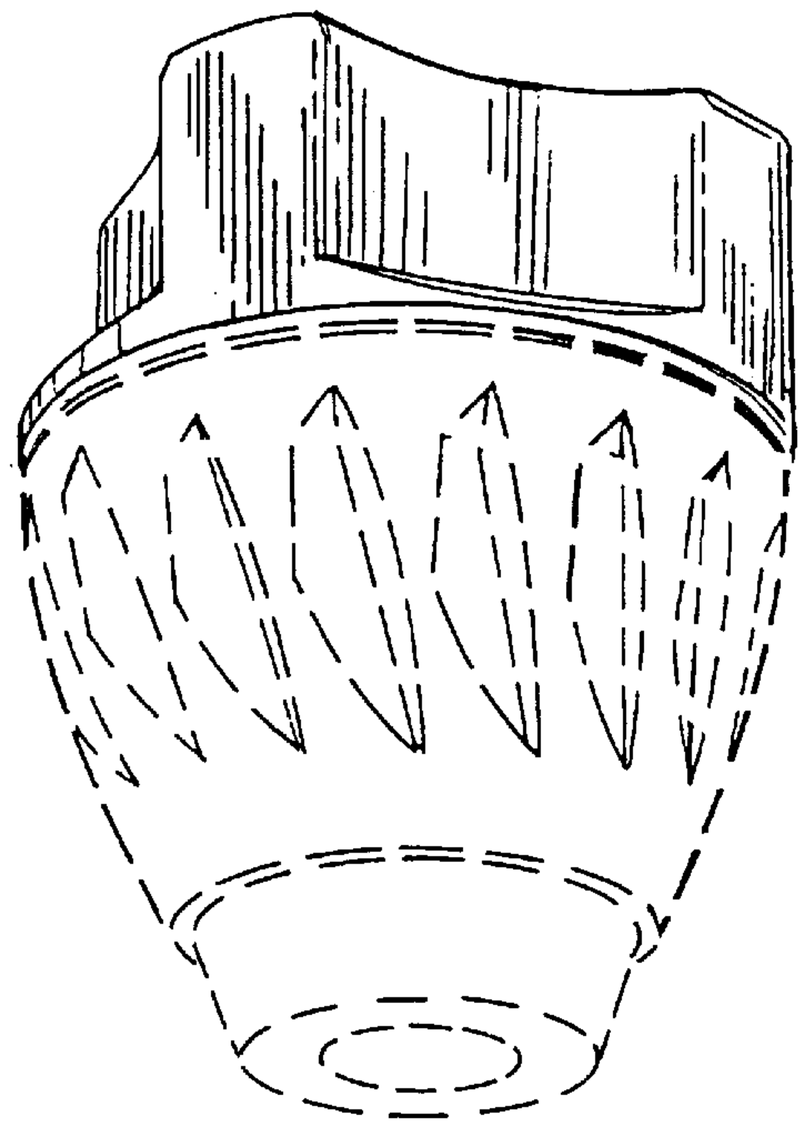


Fig. 6

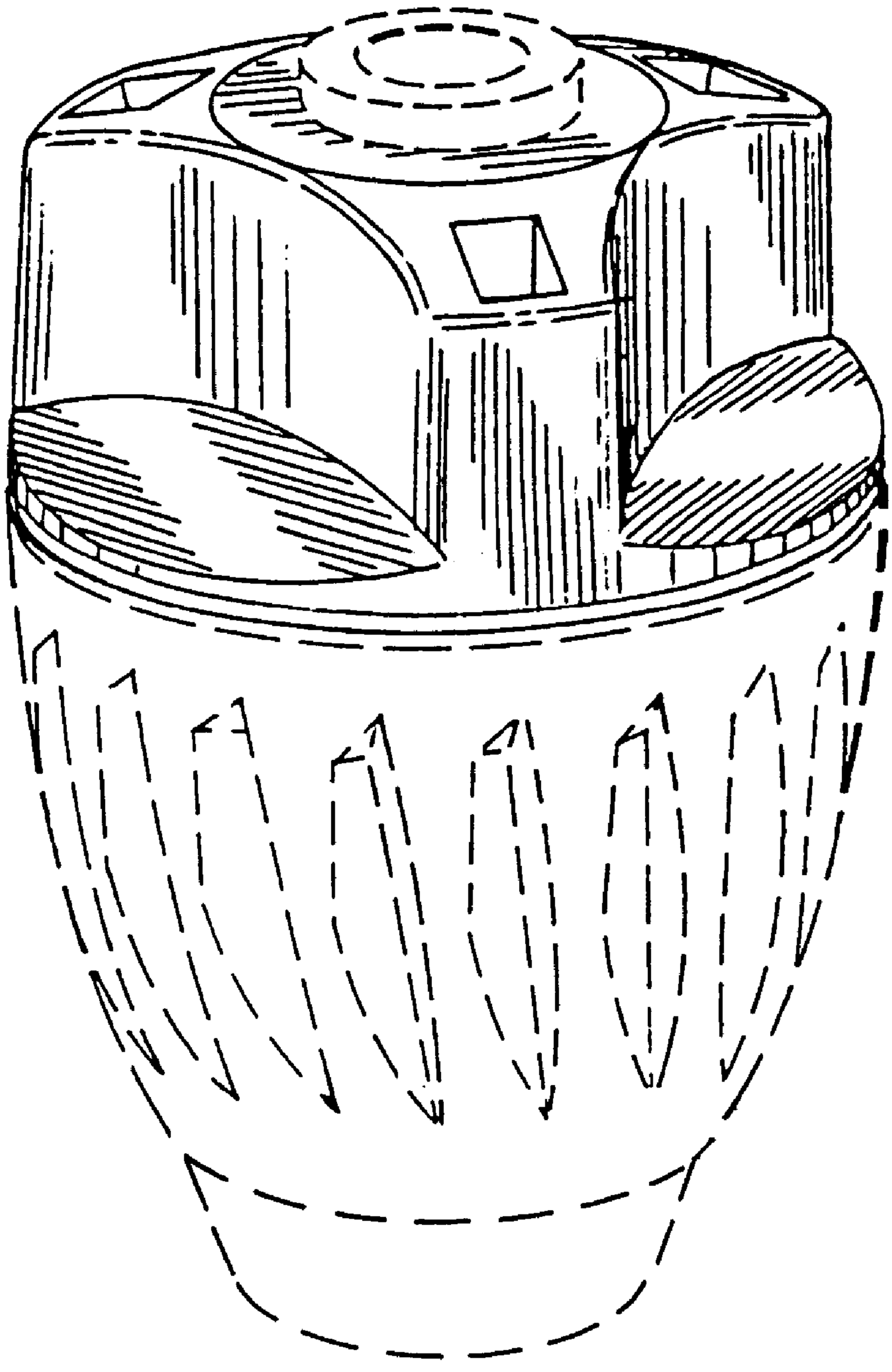


Fig. 7