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

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(54) **CYCLONE CONE BARREL**

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(**) Term: **14 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**

USPC D32/18, 21, 23, 31
CPC A47L 9/2842; A47L 9/2857; A47L 9/2836;
A47L 9/2847; A47L 9/2852; A47L 9/16;
G06N 3/008; E04H 4/1654
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D264,087 S * 4/1982 Bennett D32/23
5,090,976 A * 2/1992 Dyson A47L 9/1418
55/337

D351,695 S * 10/1994 Martinez D32/23
D701,660 S * 3/2014 Sun D32/31
D702,007 S * 4/2014 Sun D32/31
D702,008 S * 4/2014 Sun D32/31
D718,009 S * 11/2014 Sun D32/31
2004/0148914 A1* 8/2004 Lim A47L 9/102
55/429
2007/0011998 A1* 1/2007 Yoo A47L 9/1683
55/337
2014/0101889 A1* 4/2014 Davidshofer A47L 9/1608
15/353

* cited by examiner

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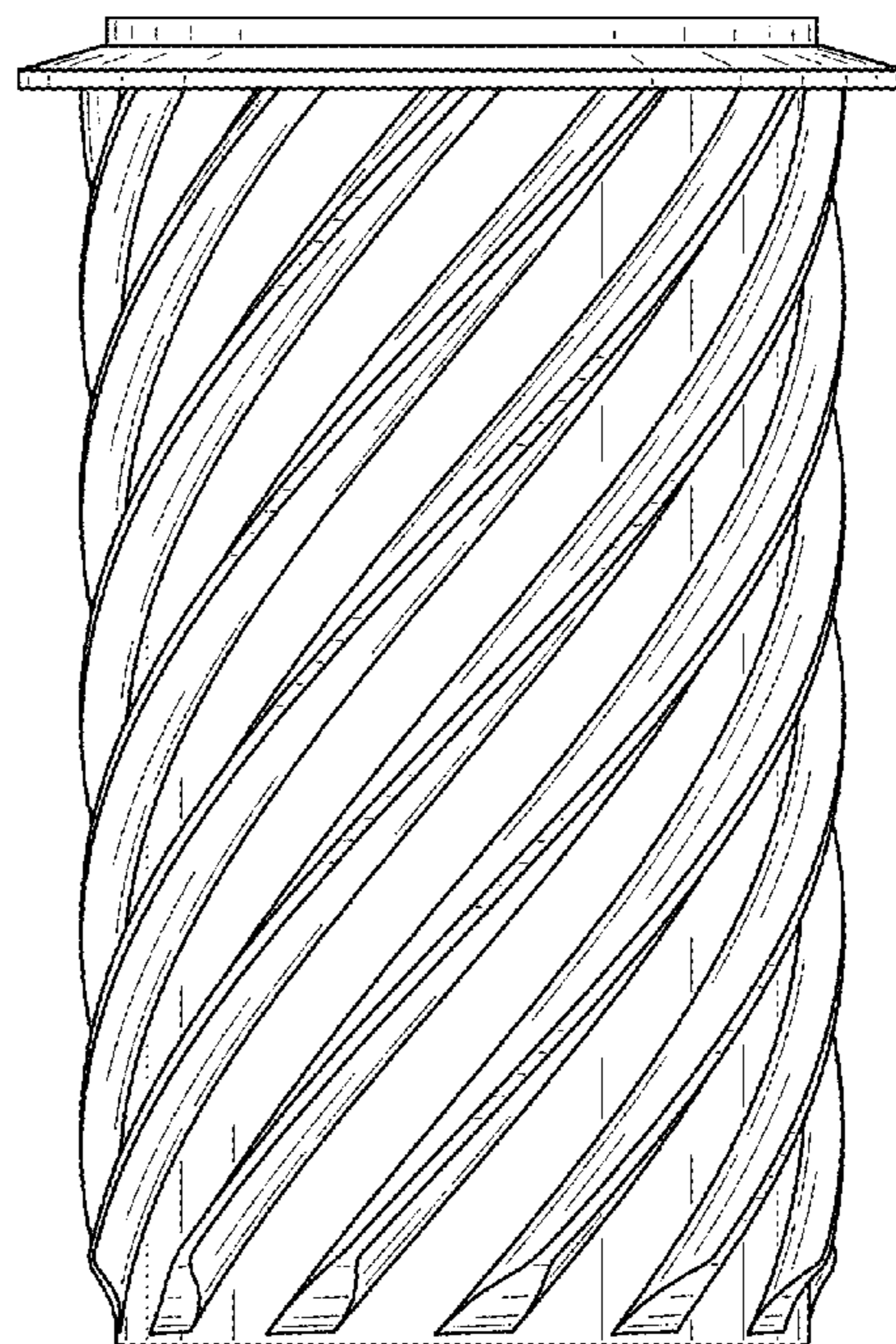
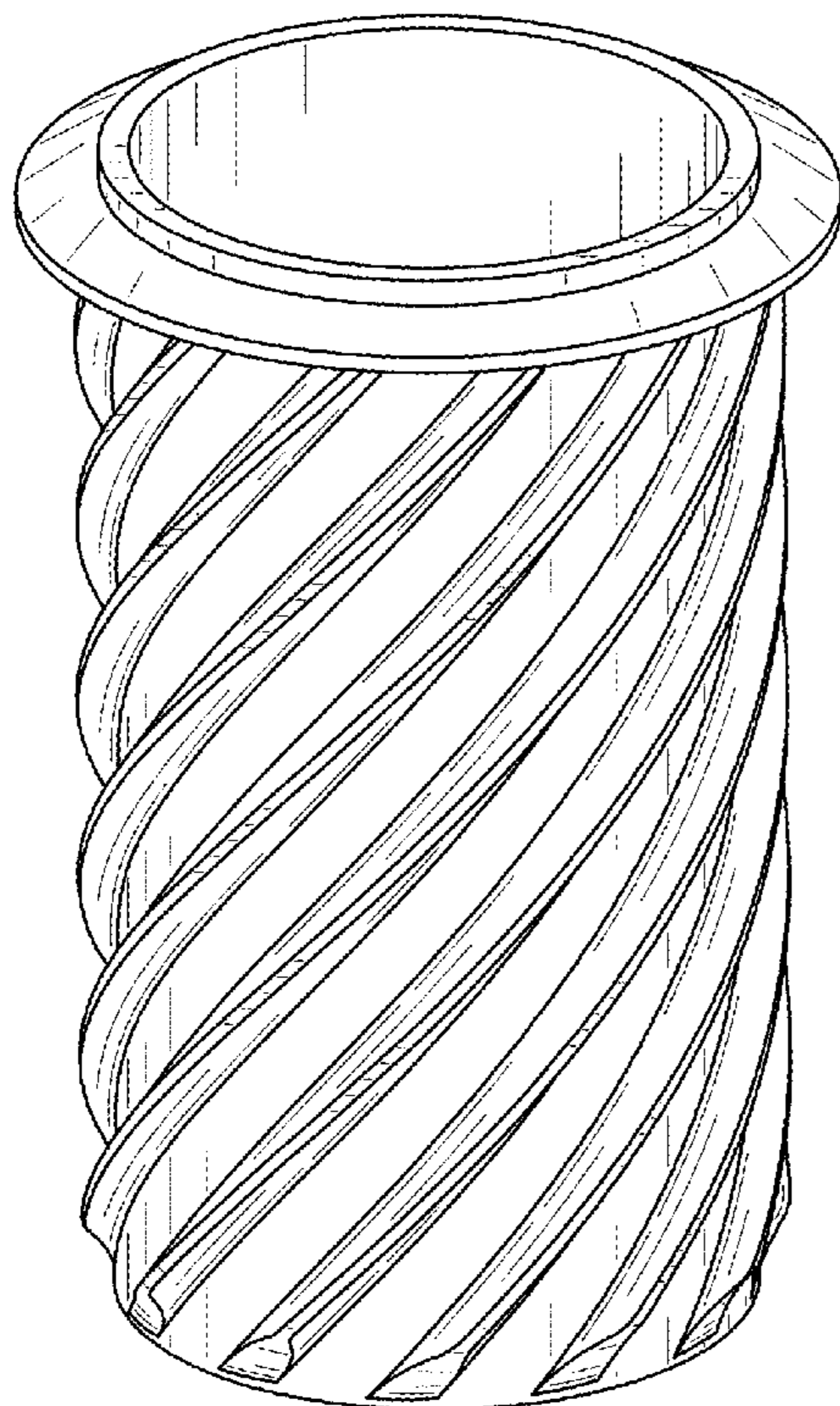
(57) **CLAIM**

The ornamental design for a cyclone cone barrel, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a cyclone cone barrel showing my new design;
FIG. 2 is a front view thereof, the rear view being identical;
FIG. 3 is a left side view thereof, the right side view being identical;
FIG. 4 is a top view thereof; and,
FIG. 5 is a bottom view thereof.
The details shown in broken lines form no part of the claimed design.

1 Claim, 4 Drawing Sheets



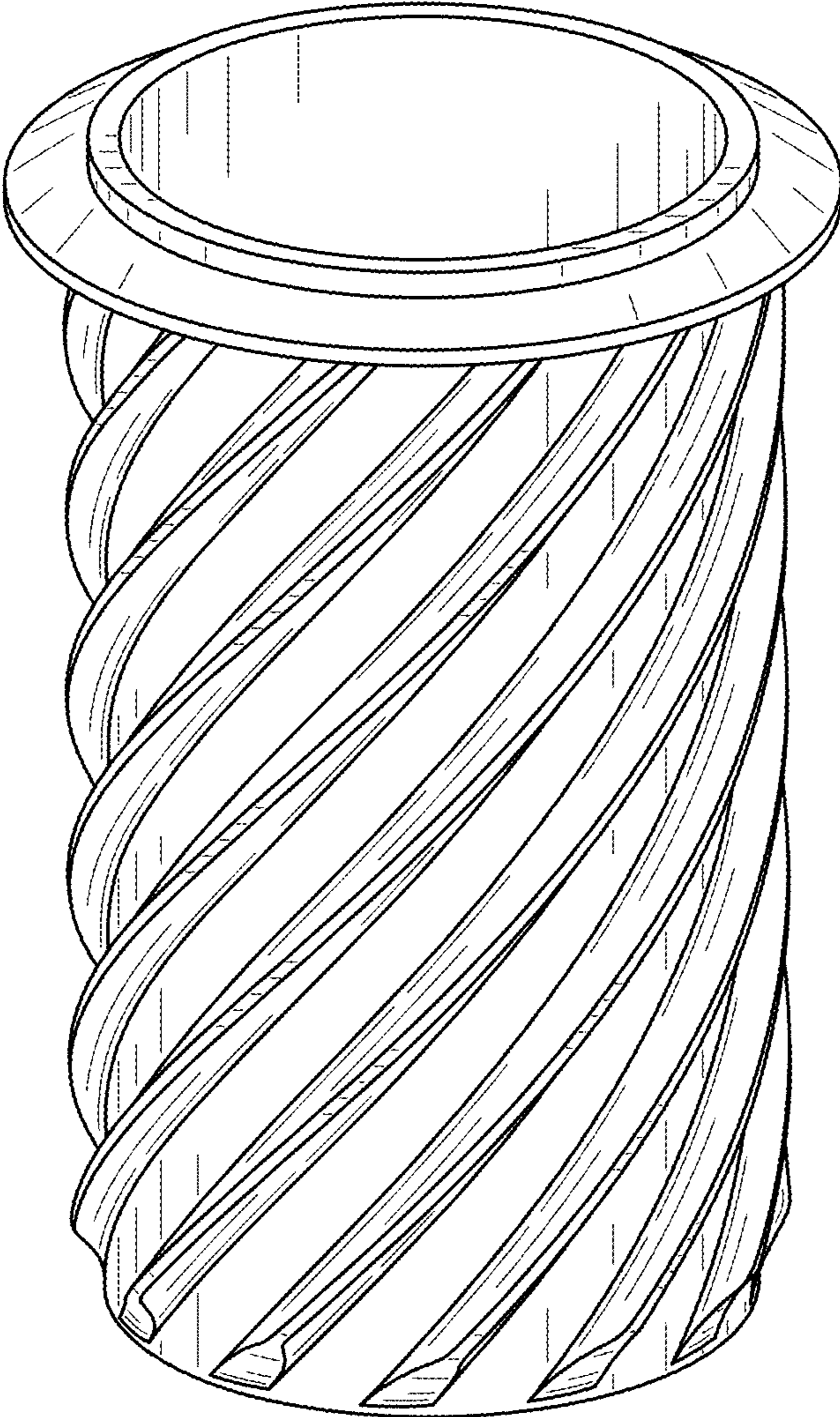


FIG. 1

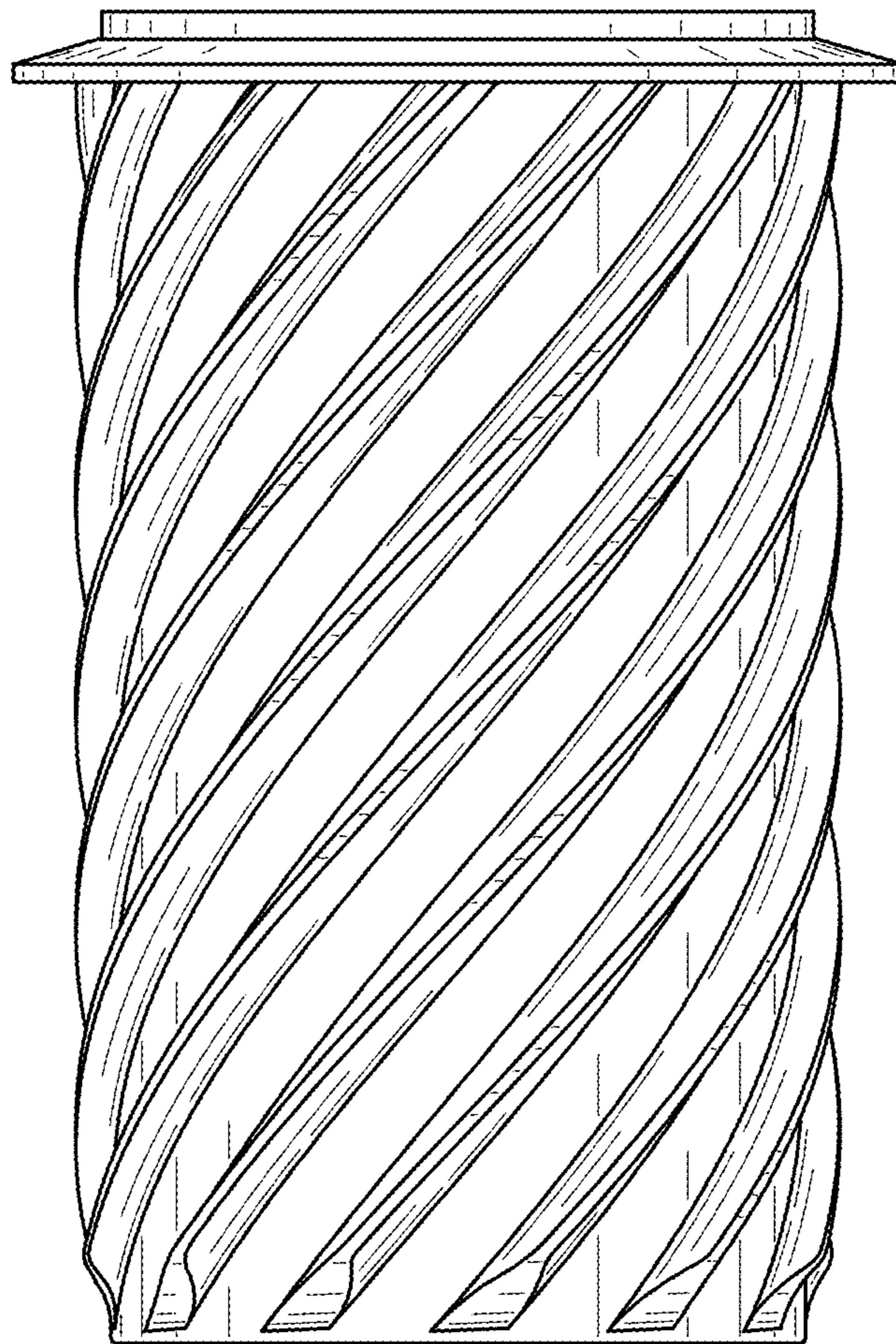


FIG. 2

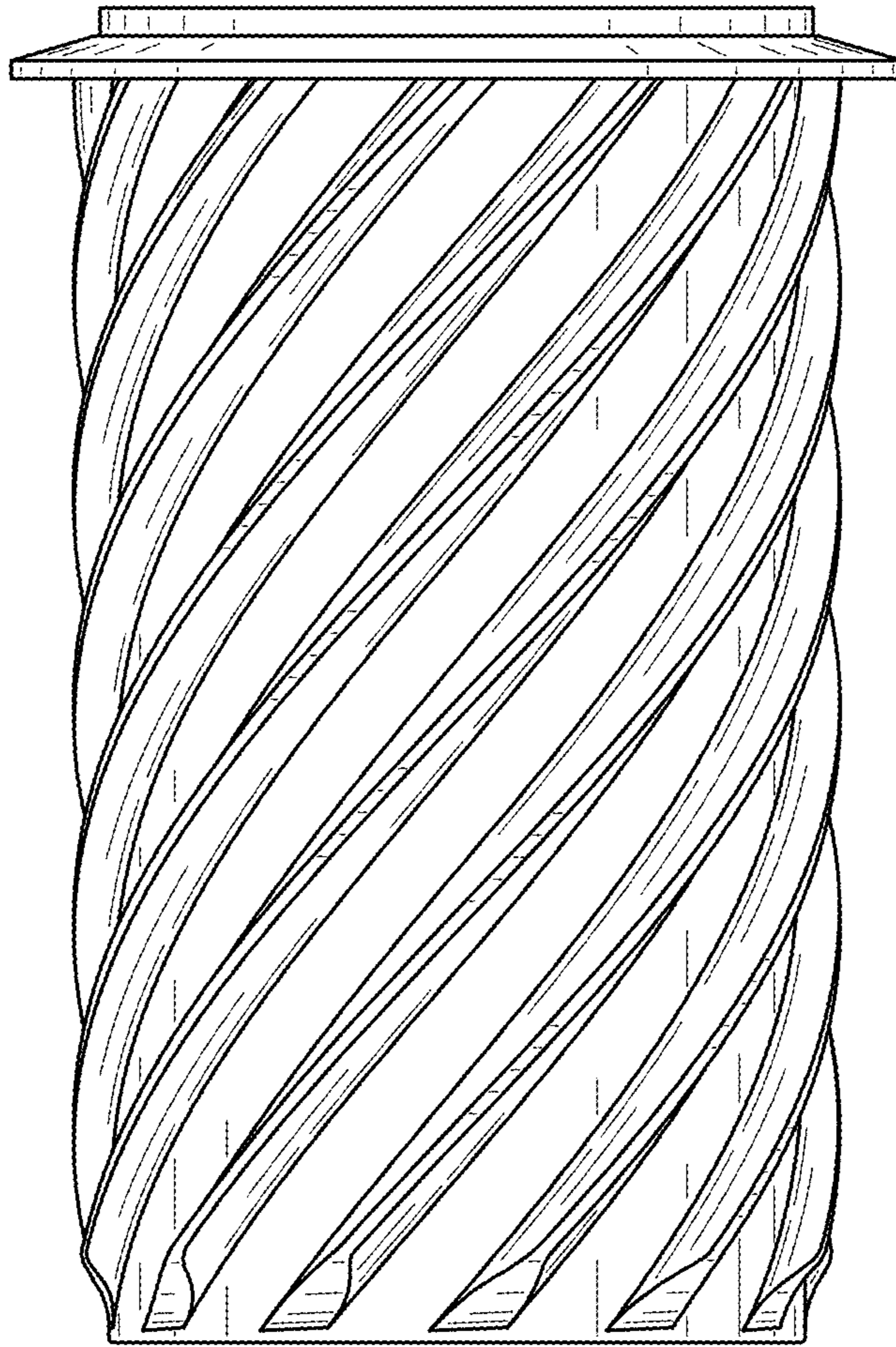


FIG. 3

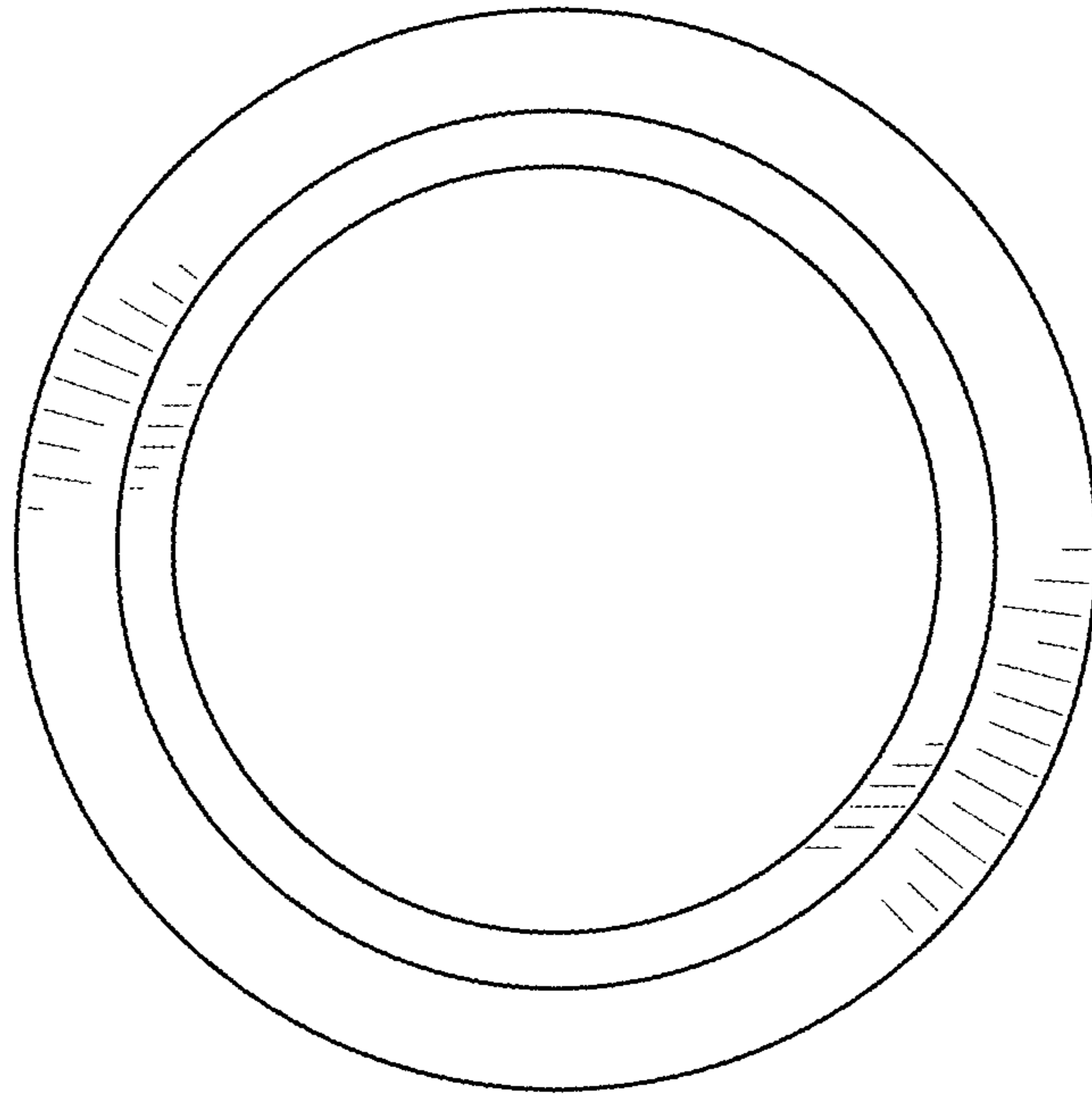


FIG. 4

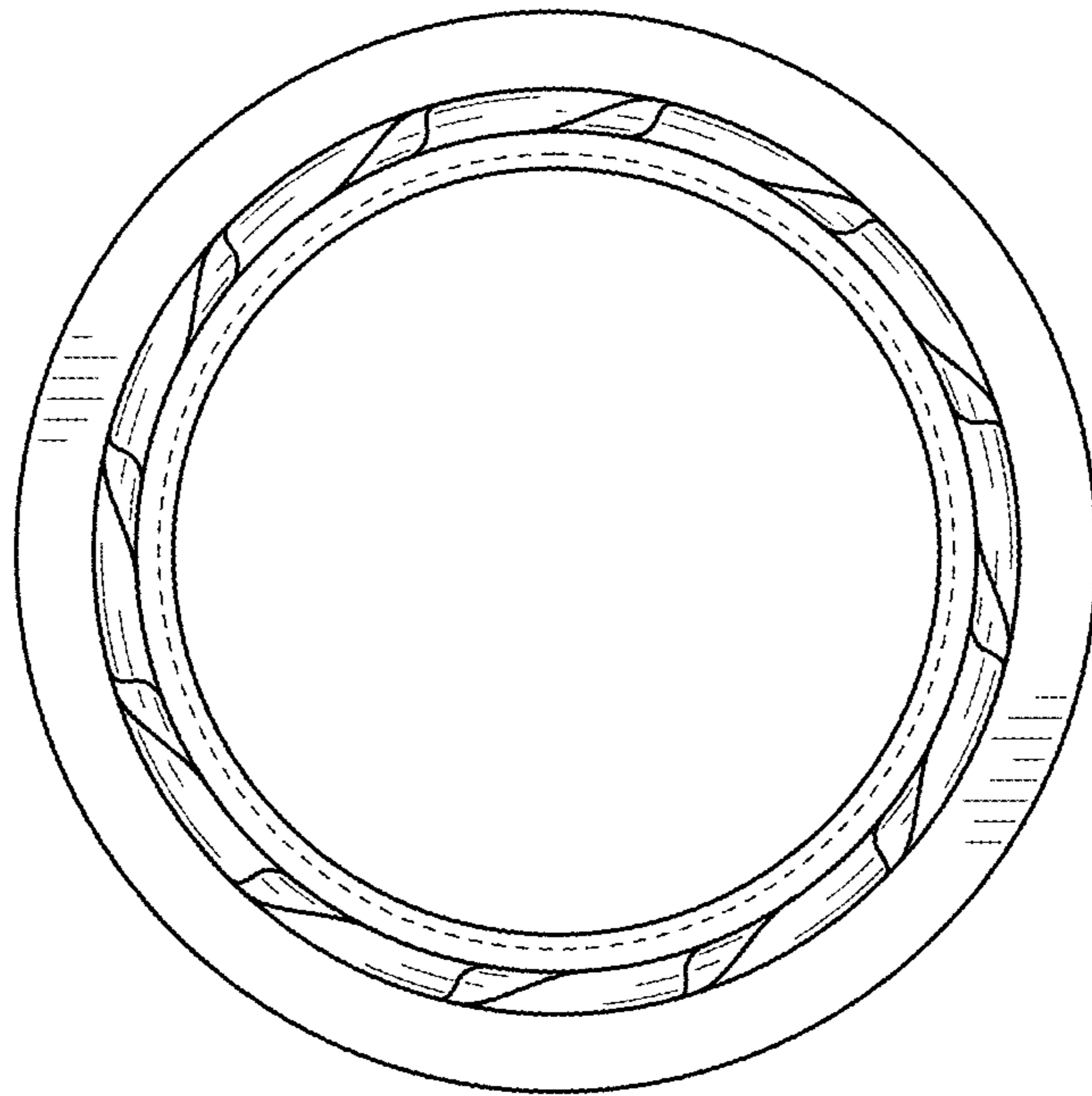


FIG. 5