



US00D750774S

(12) **United States Design Patent**  
**Schilling et al.**

(10) **Patent No.:** **US D750,774 S**  
(45) **Date of Patent:** **\*\* Mar. 1, 2016**

(54) **SYRINGE PLUNGER**

(71) Applicant: **Transcoject GmbH**, Neumuenster (DE)

(72) Inventors: **Dieter Schilling**, Aukrug-Innien (DE);  
**Stefan Wallmann**, Hamburg (DE)

(73) Assignee: **Transcoject GmbH**, Neumuenster (DE)

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

(21) Appl. No.: **29/470,216**

(22) Filed: **Oct. 18, 2013**

(30) **Foreign Application Priority Data**

Apr. 19, 2013 (EM) ..... 002223677

(51) **LOC (10) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/130**

(58) **Field of Classification Search**  
USPC ..... D24/127-131, 112-114, 133, 186, 104;  
606/181, 185; 604/264, 272, 115, 232,  
604/187, 158, 164.08, 192, 263, 163, 181,  
604/184, 198, 227; 600/101, 139, 143;  
128/200.24, 207.14, 207.15  
CPC ..... A61M 5/14546; A61M 5/31511;  
A61M 5/14566; A61M 5/31515; A61M  
5/31513

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D287,053 S \* 12/1986 Bucchianeri et al. .... D24/130  
D293,931 S \* 1/1988 Schlaupitz et al. .... D24/130  
5,215,536 A \* 6/1993 Lampropoulos et al. .... 604/220  
5,263,942 A \* 11/1993 Smedley et al. .... 604/195  
5,752,940 A \* 5/1998 Grimard ..... 604/181  
D432,231 S \* 10/2000 Balestracci ..... D24/114  
7,137,995 B2 \* 11/2006 Studin ..... 623/8  
D583,938 S \* 12/2008 Sudo ..... D24/130

D638,122 S \* 5/2011 Kosinski et al. .... D24/130  
8,075,523 B2 \* 12/2011 Wayman et al. .... 604/110  
8,137,307 B2 \* 3/2012 Tennican et al. .... 604/89  
D663,415 S \* 7/2012 Tamura et al. .... D24/130  
D667,107 S \* 9/2012 Mottahed ..... D24/130  
D667,109 S \* 9/2012 Mottahed ..... D24/130  
D667,950 S \* 9/2012 Hyun et al. .... D24/130  
D673,675 S \* 1/2013 Wong ..... D24/130  
D686,322 S \* 7/2013 Maeda et al. .... D24/130  
D689,188 S \* 9/2013 Lundquist ..... D24/130  
D690,807 S \* 10/2013 Ivosevic ..... D24/130  
D713,525 S \* 9/2014 Oguro et al. .... D24/130  
2004/0039333 A1 \* 2/2004 Lee et al. .... 604/110  
2007/0005014 A1 \* 1/2007 Lin et al. .... 604/110  
2007/0078407 A1 \* 4/2007 Huang ..... 604/198  
2008/0097337 A1 \* 4/2008 Judd et al. .... 604/198  
2011/0190709 A1 \* 8/2011 Mitsuno et al. .... 604/181

\* cited by examiner

*Primary Examiner* — David Muller

*Assistant Examiner* — Nathan Johnston

(74) *Attorney, Agent, or Firm* — Panitch Schwarze Belisario  
& Nadel LLP

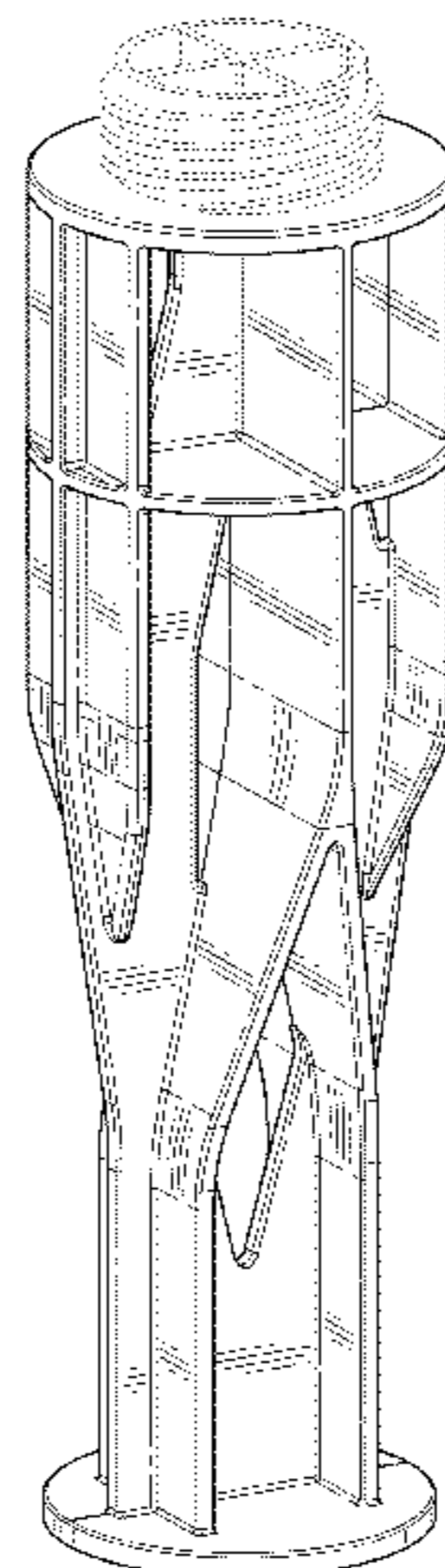
(57) **CLAIM**

The ornamental design for a syringe plunger, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a syringe plunger in accordance with our new design, the rear elevational view thereof being a mirror image;  
FIG. 2 is a right side elevational view thereof, the left side elevational view thereof being a mirror image;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom perspective view of the front and right sides thereof; and,  
FIG. 6 is a top perspective view of the rear and left sides thereof.  
The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



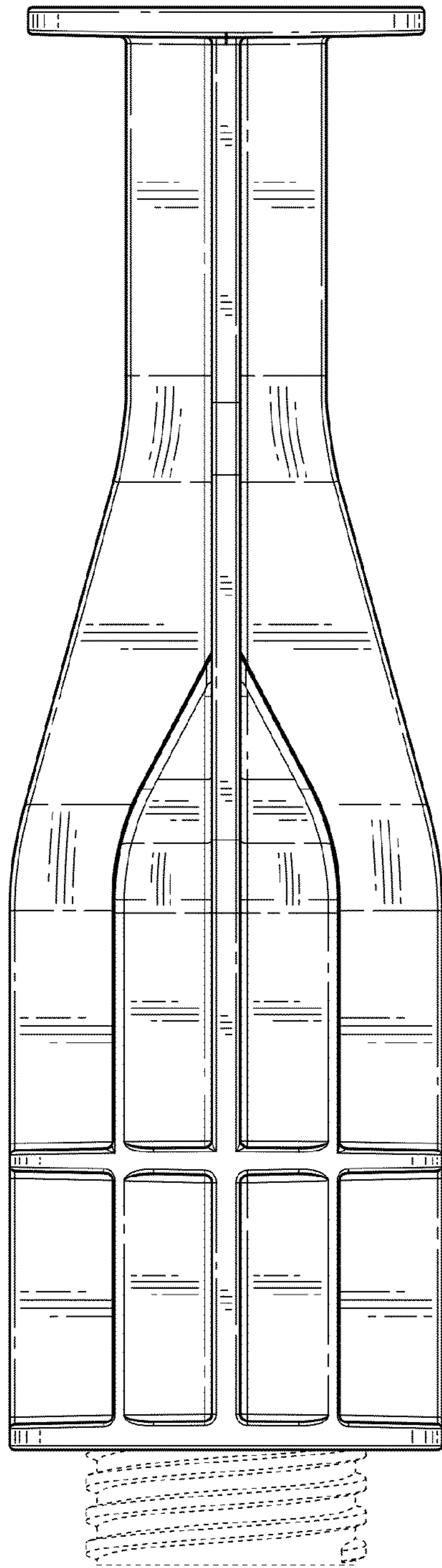


FIG. 1

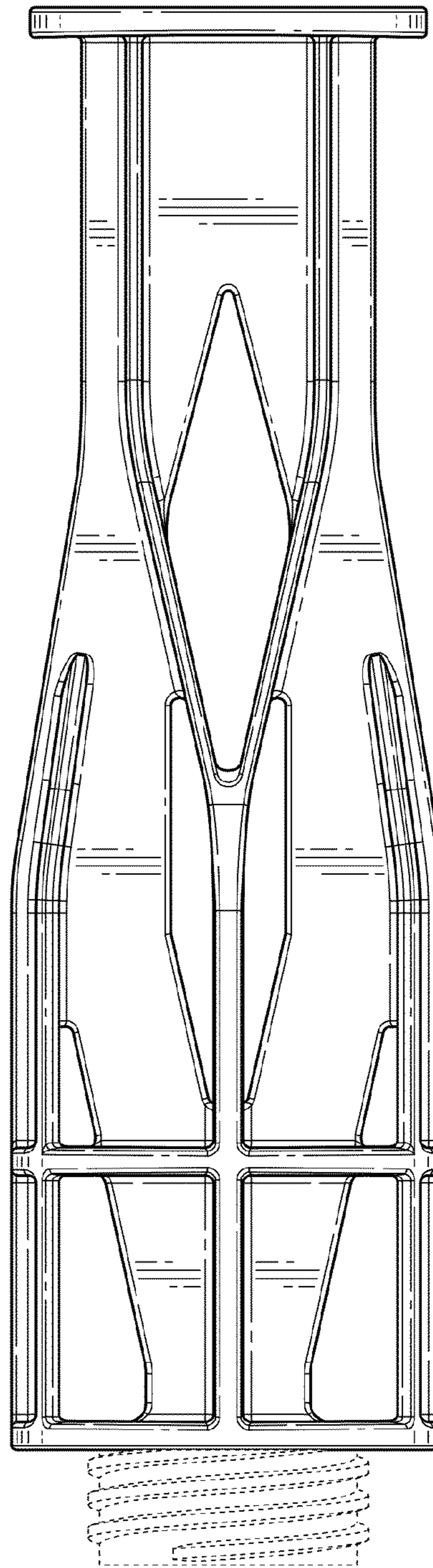
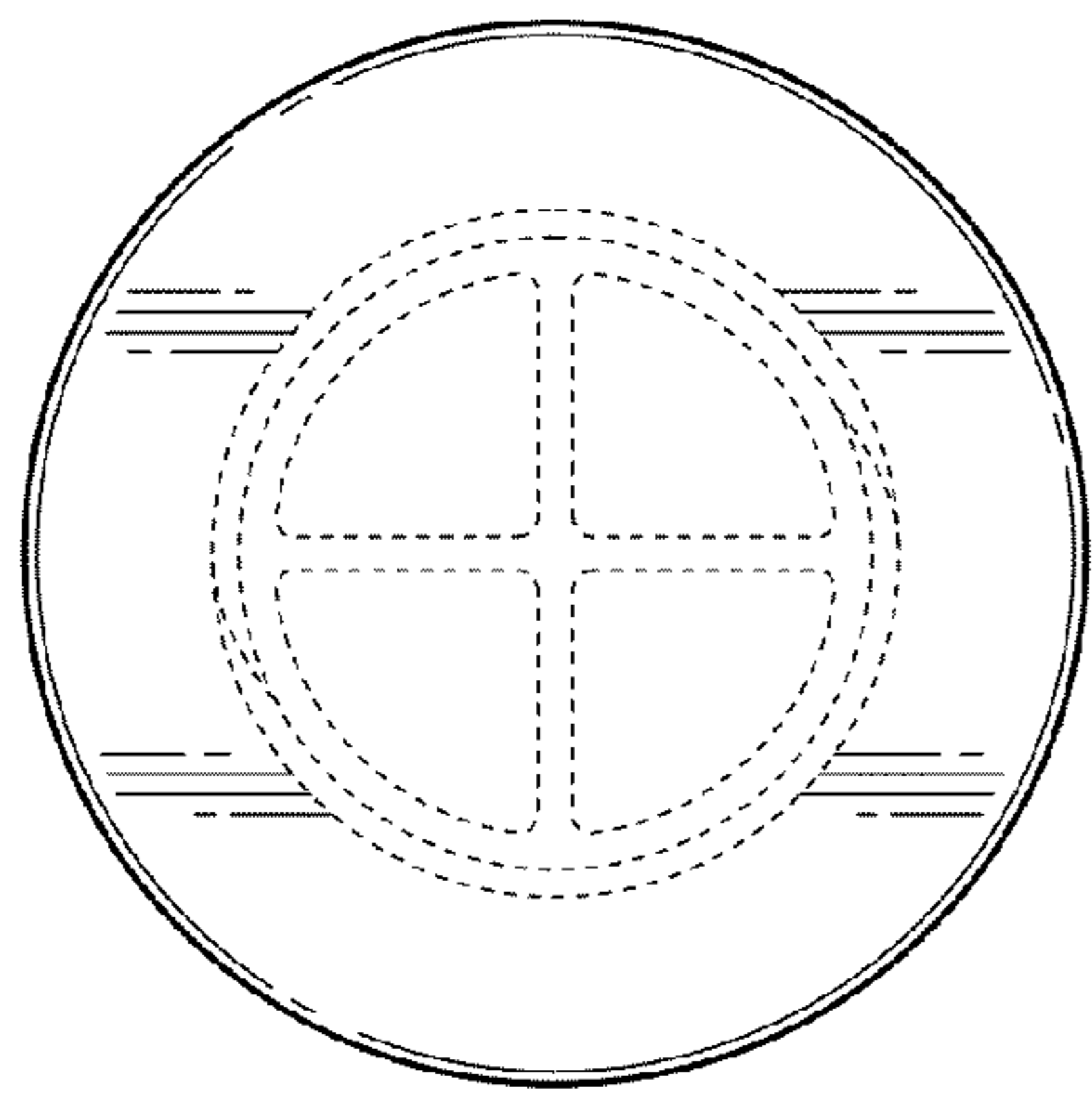
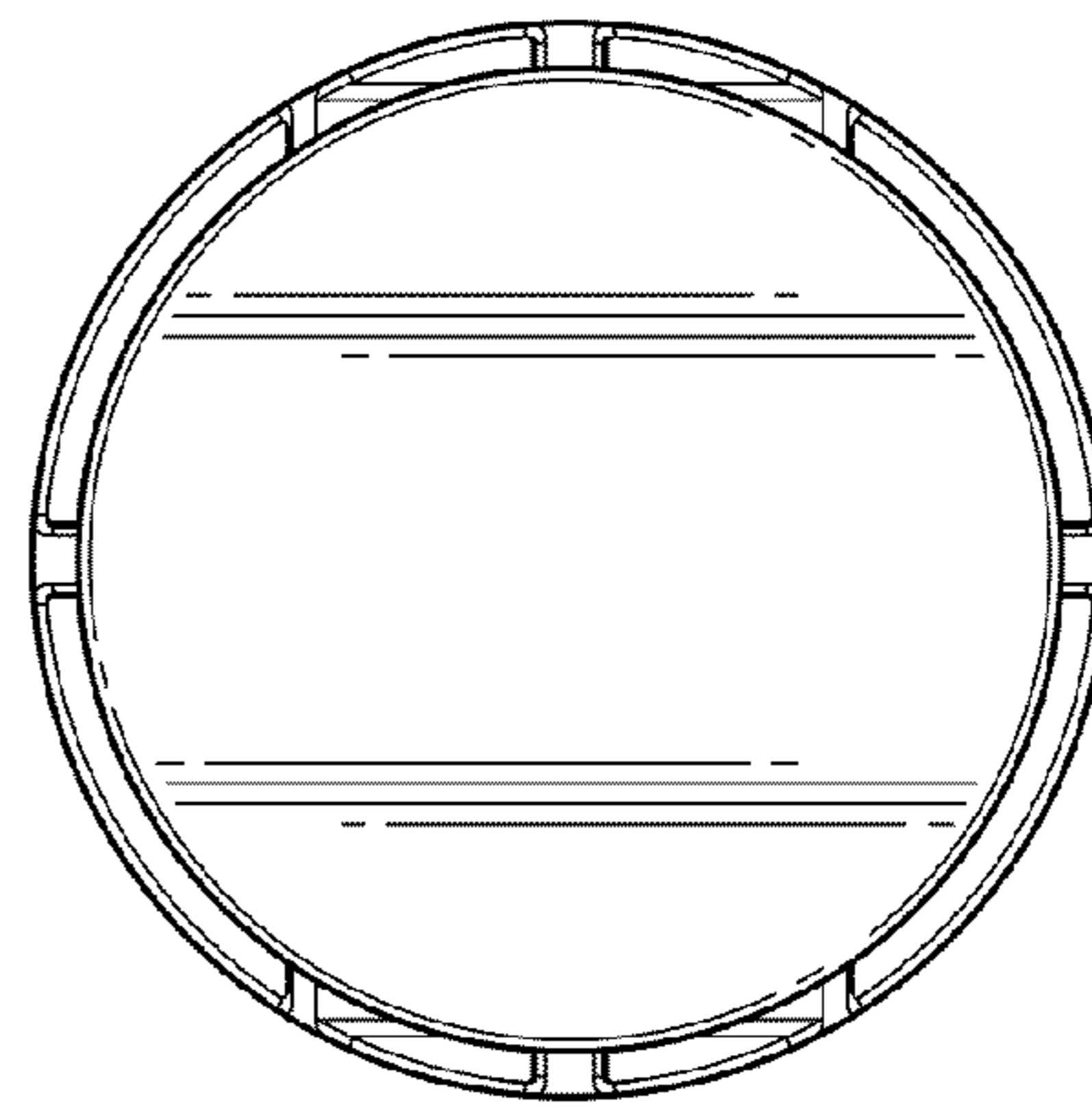


FIG. 2



**FIG. 3**



**FIG. 4**



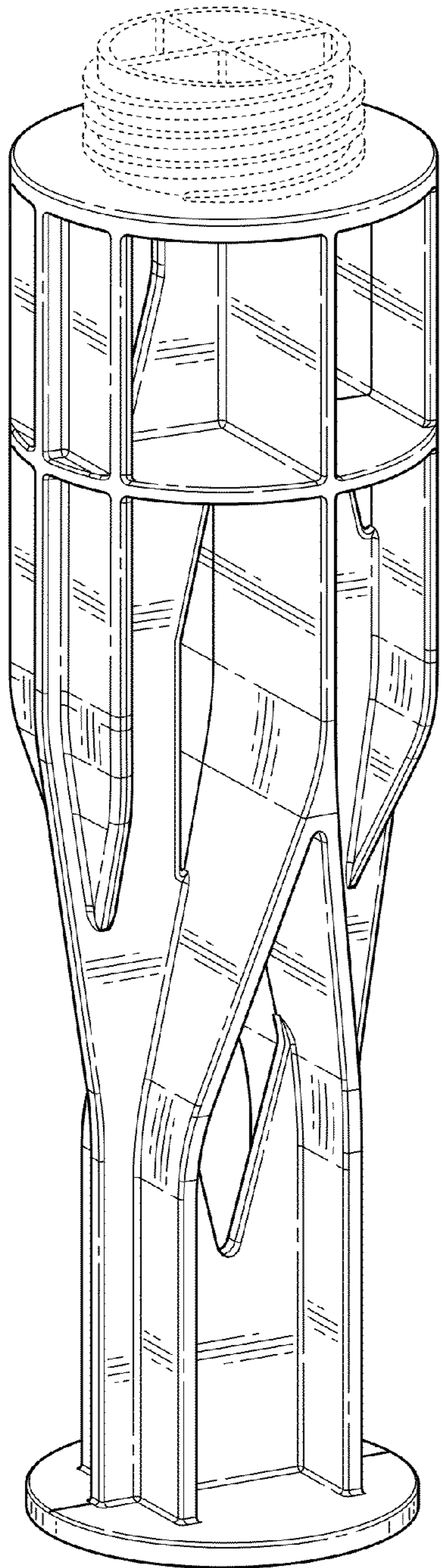


FIG. 5

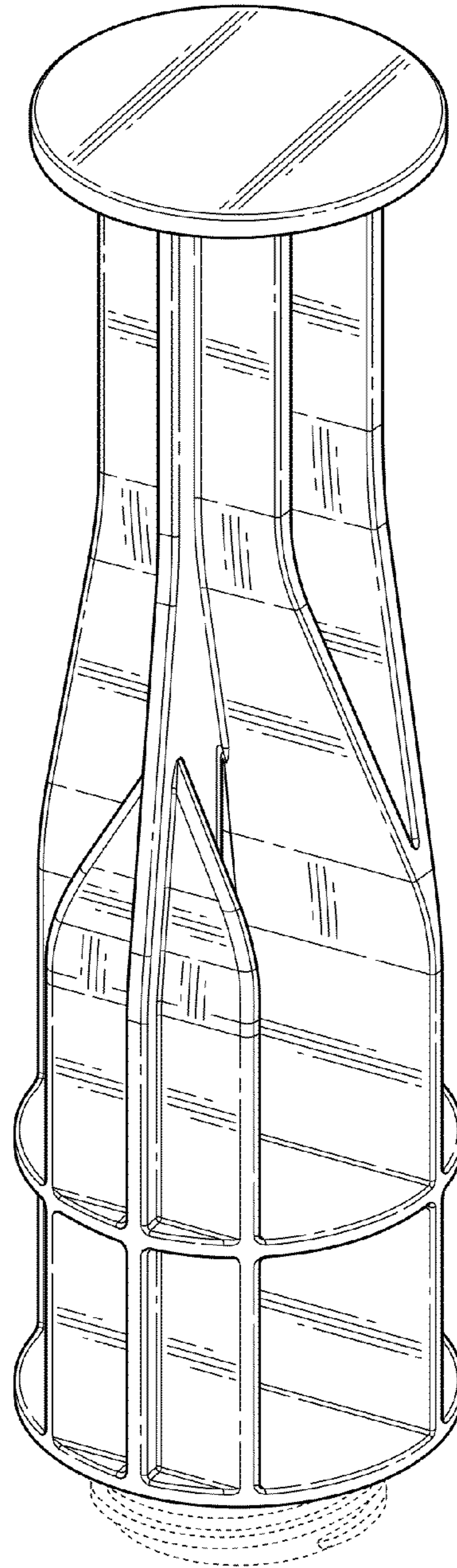


FIG. 6