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

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(54) **PORTABLE BLENDER**  
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(73) Assignee: **Shenzhen Shiguangxiu Technology Co., Ltd., Shenzhen (CN)**  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/655,007**

D487,668 S \* 3/2004 Sands ..... D7/378  
D489,585 S \* 5/2004 Wong ..... D7/693  
6,959,562 B2 \* 11/2005 Navedo ..... A23G 9/045  
366/251  
D554,427 S \* 11/2007 Sands ..... B26D 3/26  
D7/378  
D622,095 S \* 8/2010 Metaxatos ..... A23G 9/045  
D7/376  
D665,620 S \* 8/2012 Chapman ..... D7/376  
D816,394 S \* 5/2018 Yeung ..... D7/378  
2002/0113155 A1 \* 8/2002 Weibel ..... B26D 3/26  
241/283  
2005/0047272 A1 \* 3/2005 Sands ..... A47J 19/027  
366/199  
2010/0058940 A1 \* 3/2010 Rivera ..... A47J 19/02  
99/501

(22) Filed: **Jun. 29, 2018**  
(51) **LOC (12) Cl.** ..... **31-00**  
(52) **U.S. Cl.**

\* cited by examiner

USPC ..... **D7/378**; D7/376; D7/412; D7/413  
(58) **Field of Classification Search**  
USPC ..... D7/323, 372, 376-386, 412-413, 602,  
D7/629, 665-666, 669, 679, 693-694  
CPC .. A21C 1/02; A21C 1/04; A23G 9/045; A23N  
1/00; A23N 1/02; A47J 19/02; A47J  
19/027; A47J 43/04; A47J 43/25; A47J  
43/27; A47J 43/042; A47J 43/044; A47J  
43/046; A47J 43/075; A47J 43/0722;  
A47J 43/0727; B01F 3/00; B01F 3/0807;  
B01F 3/0853; B01F 13/0059; B01F  
13/0064; B02C 1/08; B02C 2/04; B02C  
4/42; B02C 4/142; B02C 4/143; B02C  
4/423; B02C 13/1835; B28C 5/10; B28C  
5/12; B28C 5/14; B28C 5/16; B26D 3/26  
See application file for complete search history.

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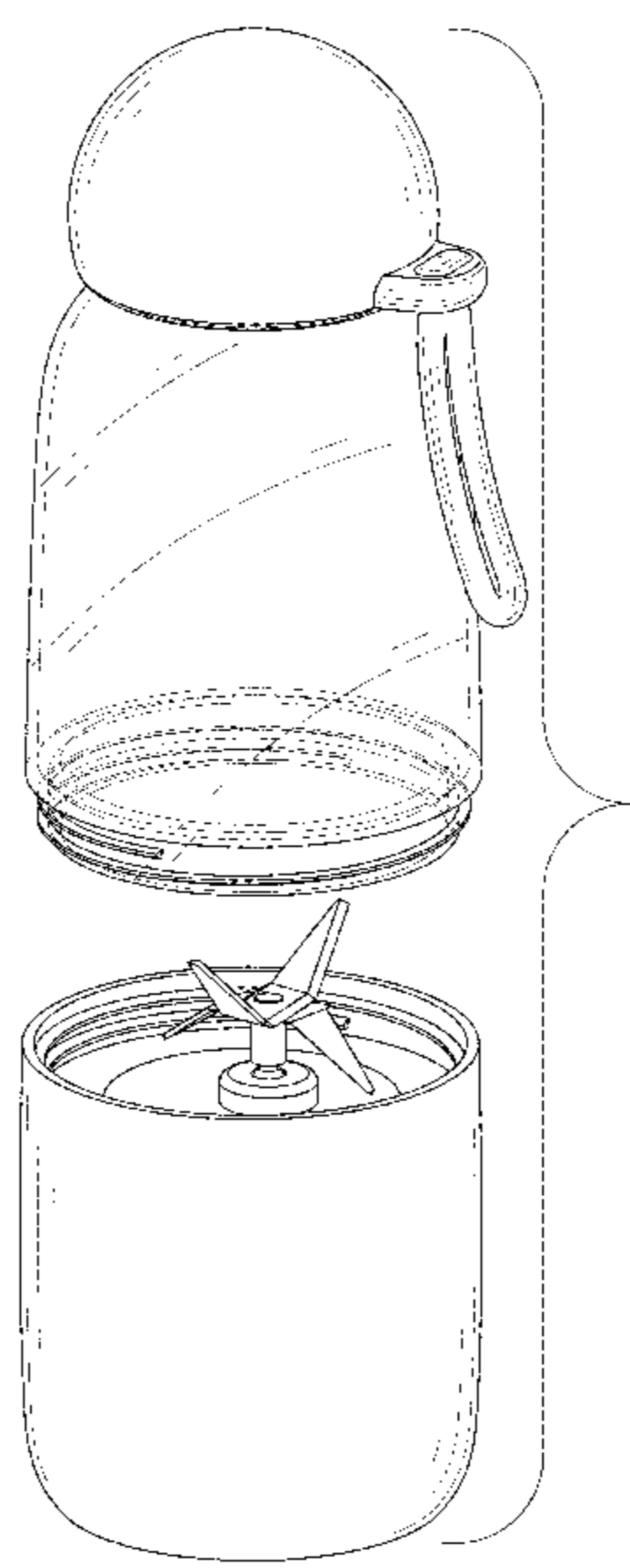
(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D346,526 S \* 5/1994 Bannigan ..... A47J 19/02  
D7/323  
D372,835 S \* 8/1996 Leverrier ..... A47J 19/027  
D7/372

(57) **CLAIM**  
The ornamental design for a portable blender, as shown and described.

**DESCRIPTION**

FIG. 1 is a first perspective view of a portable blender, showing my design;  
FIG. 2 is a second perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is an exploded view thereof; and,  
FIG. 10 is a perspective view thereof in a use state.  
The broken lines are for environmental structures, boundaries, or illustrative purposes only and form no part of the claimed designs to be patented.

**1 Claim, 10 Drawing Sheets**



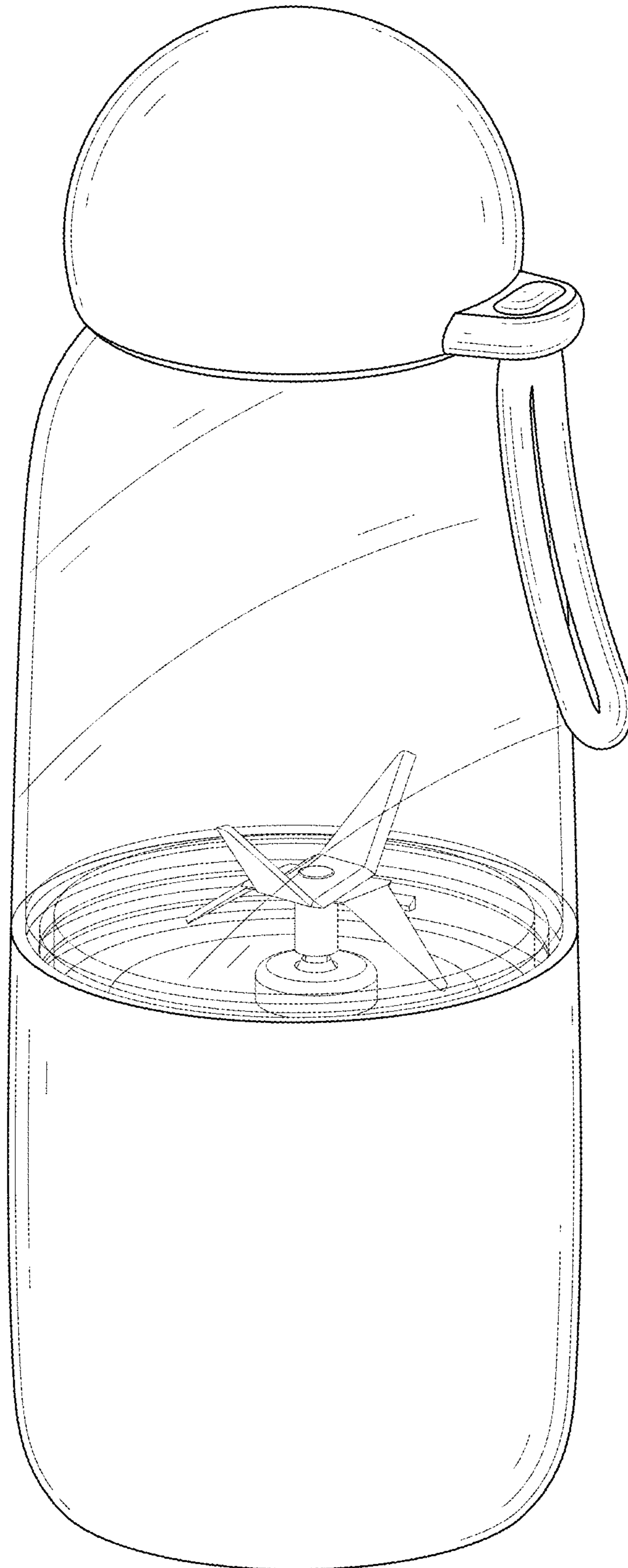


FIG. 1

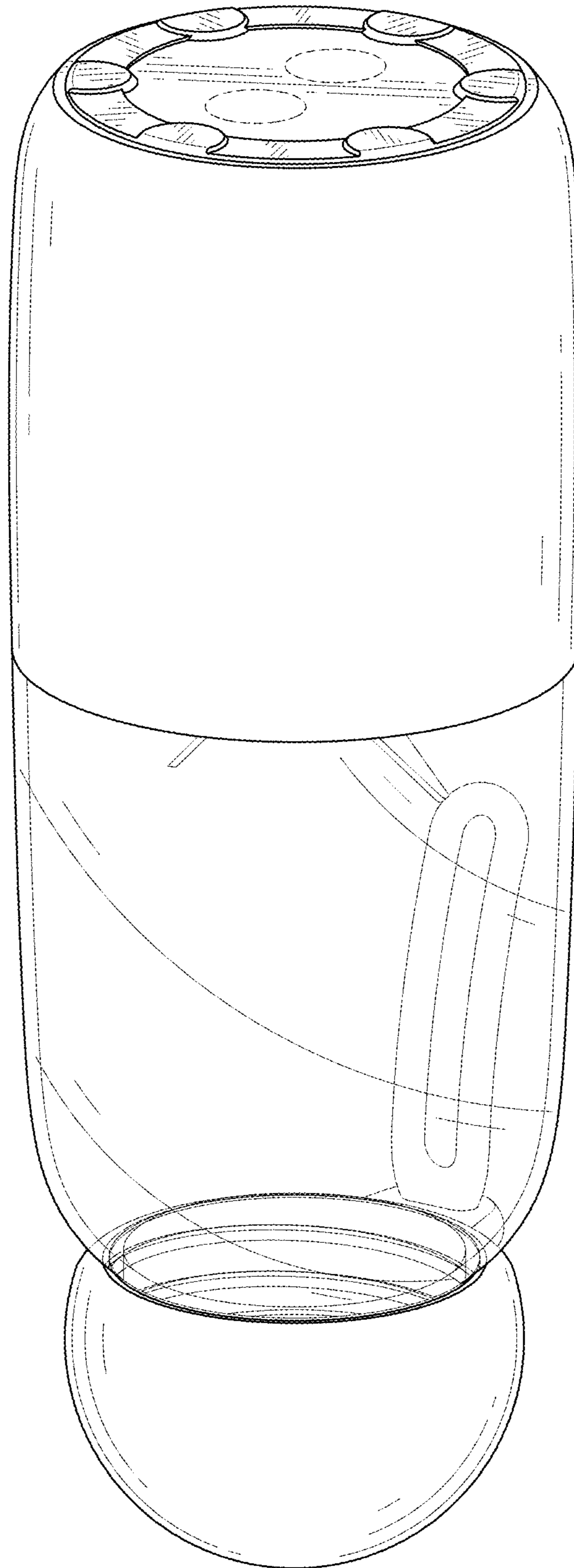


FIG. 2

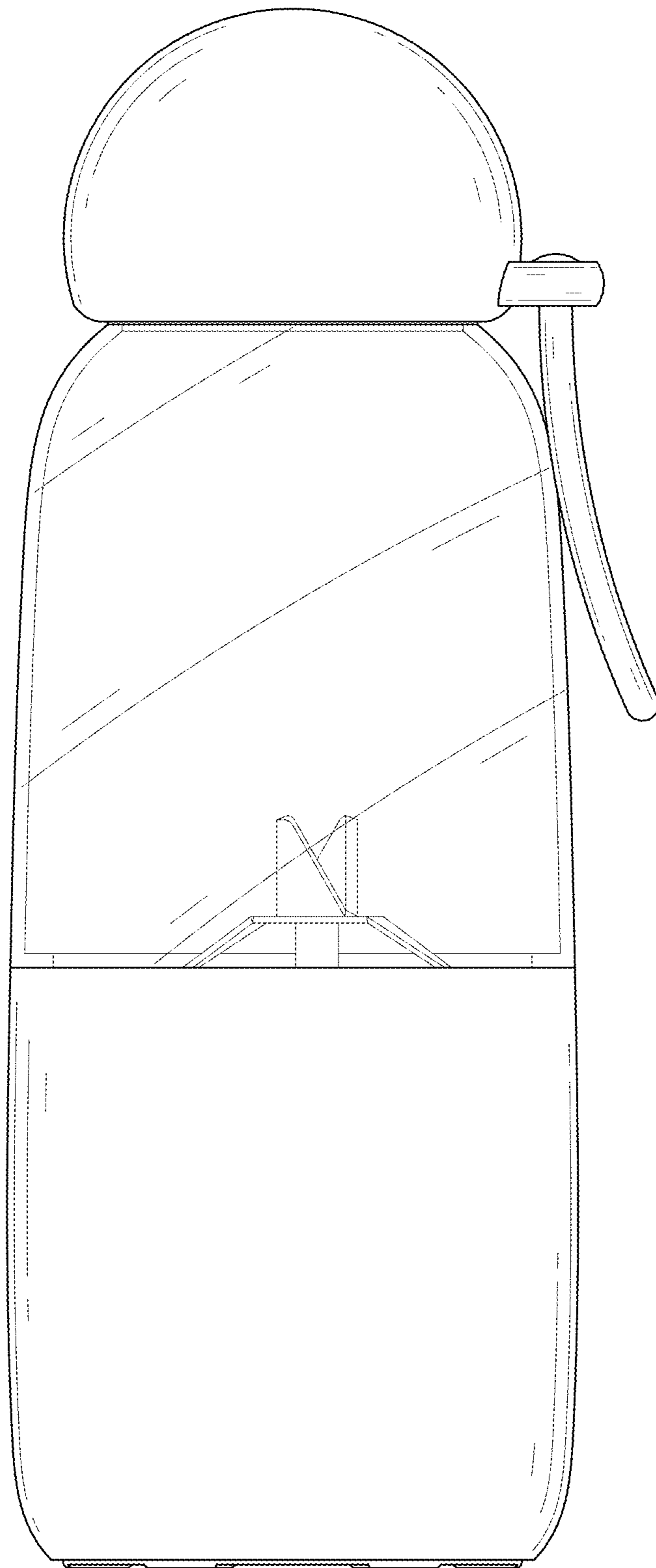


FIG. 3

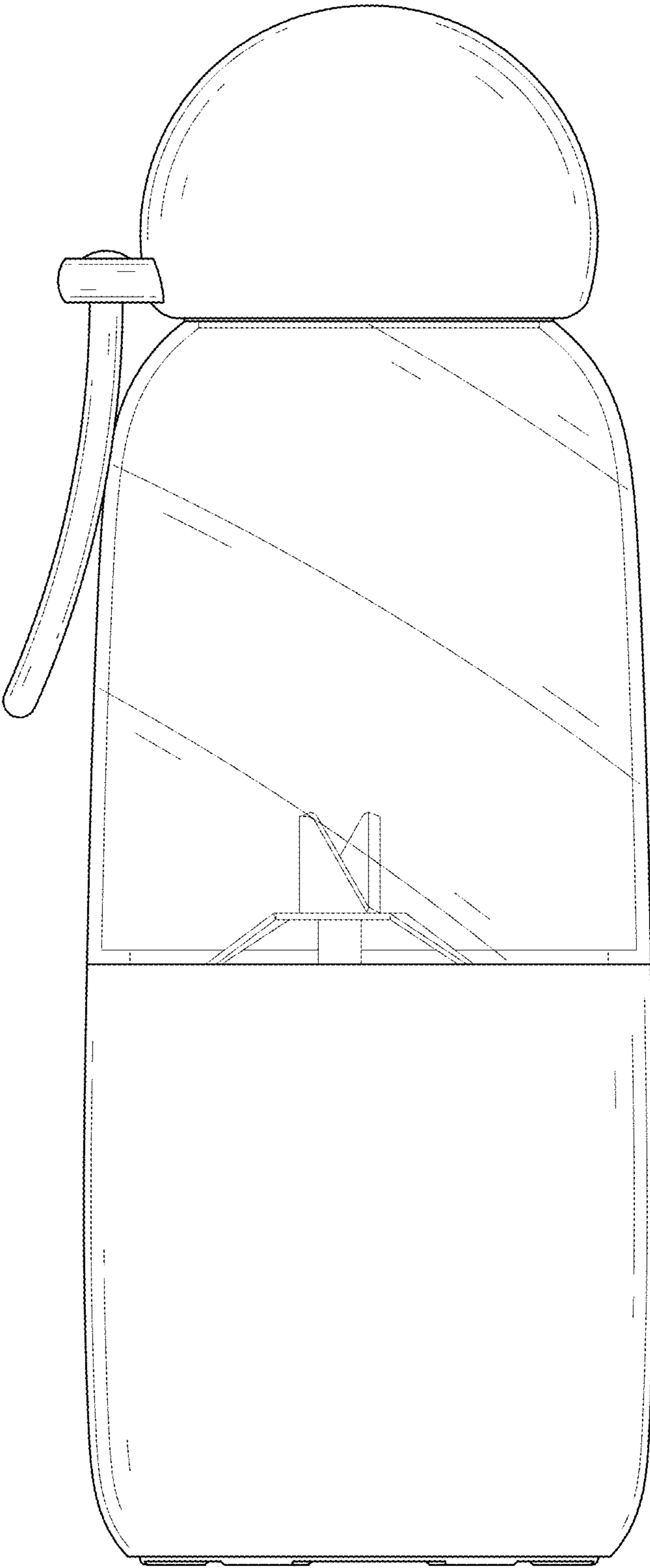


FIG. 4



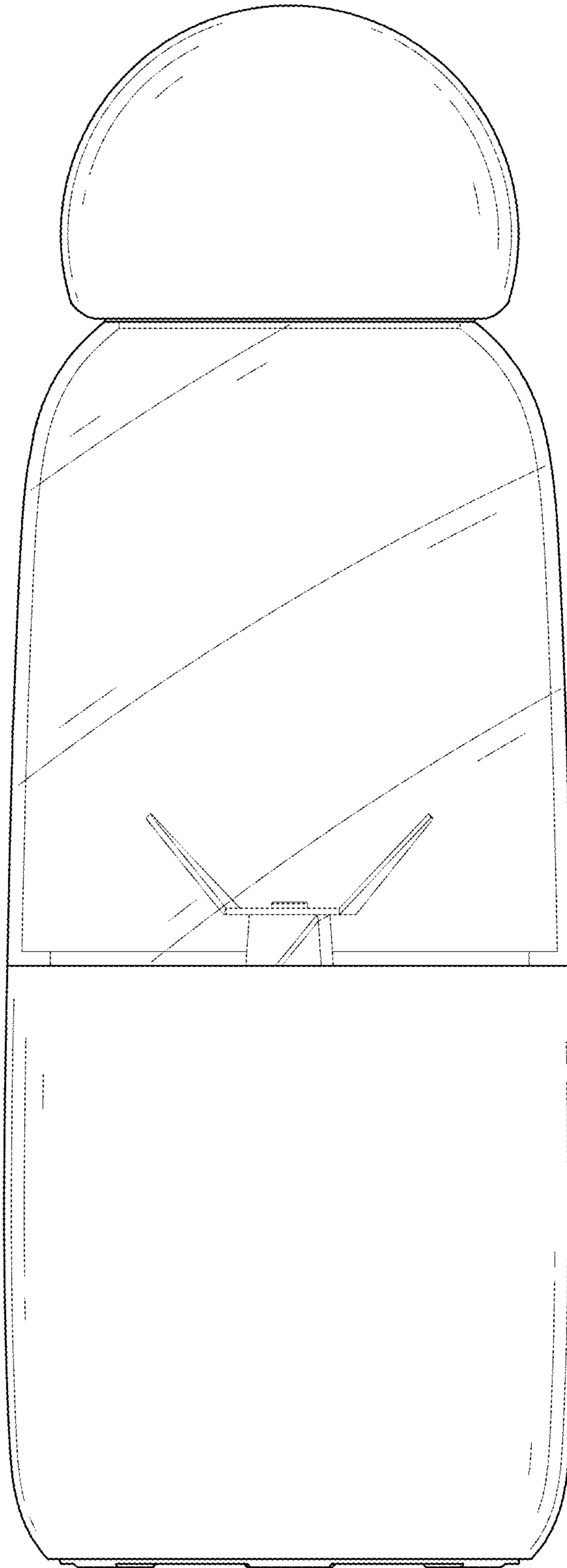


FIG. 5

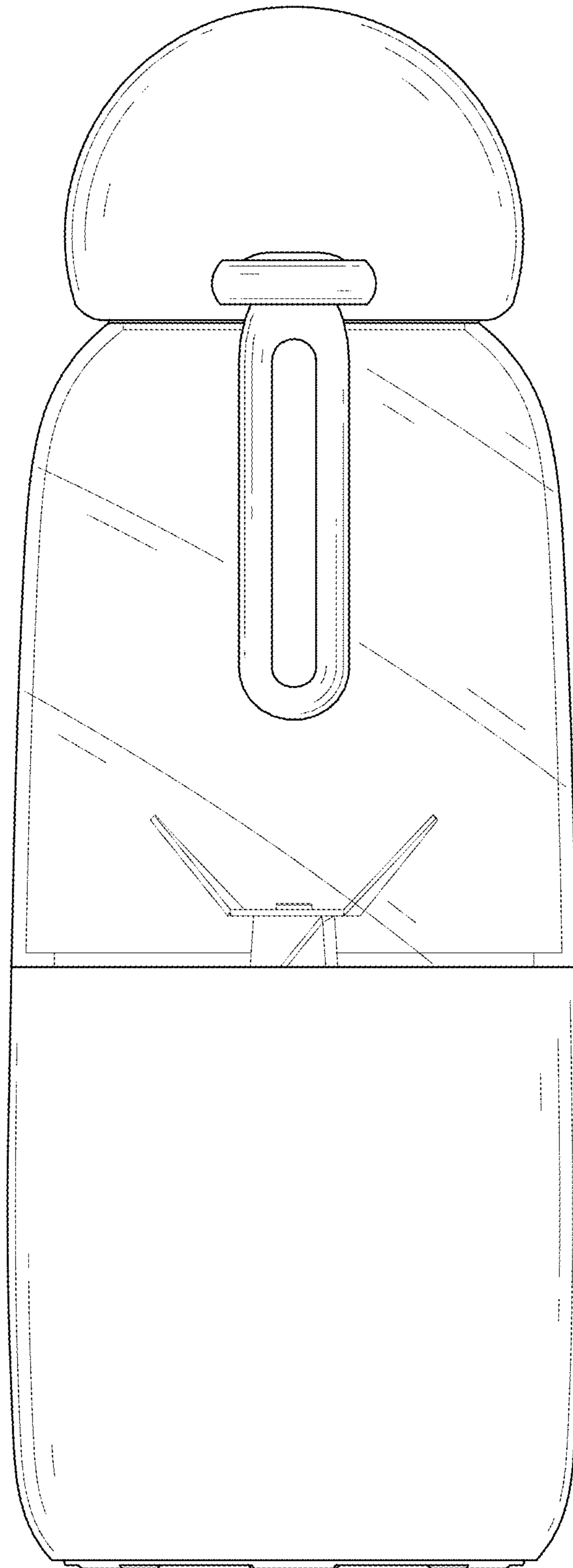


FIG. 6

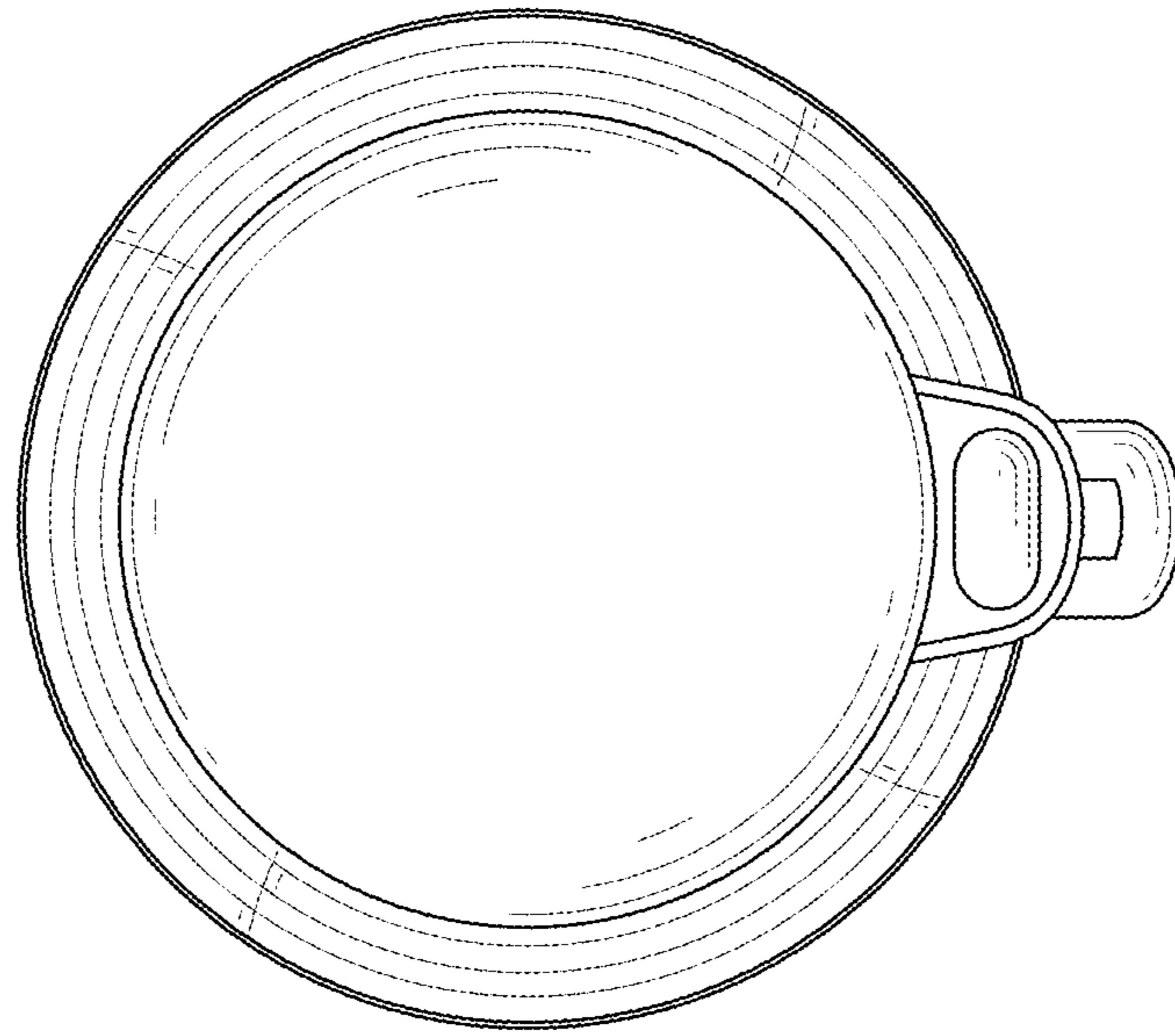


FIG. 7



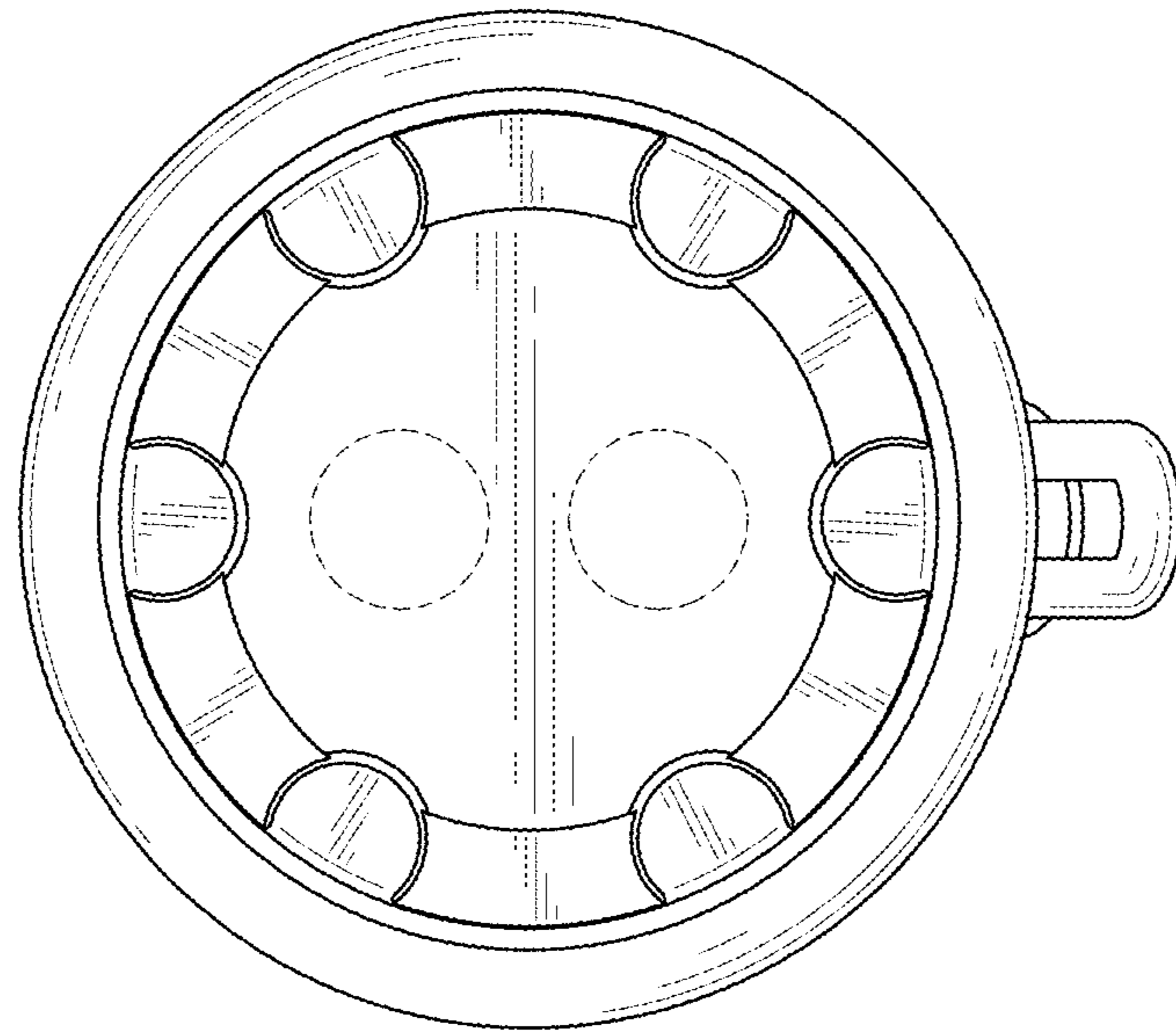


FIG. 8

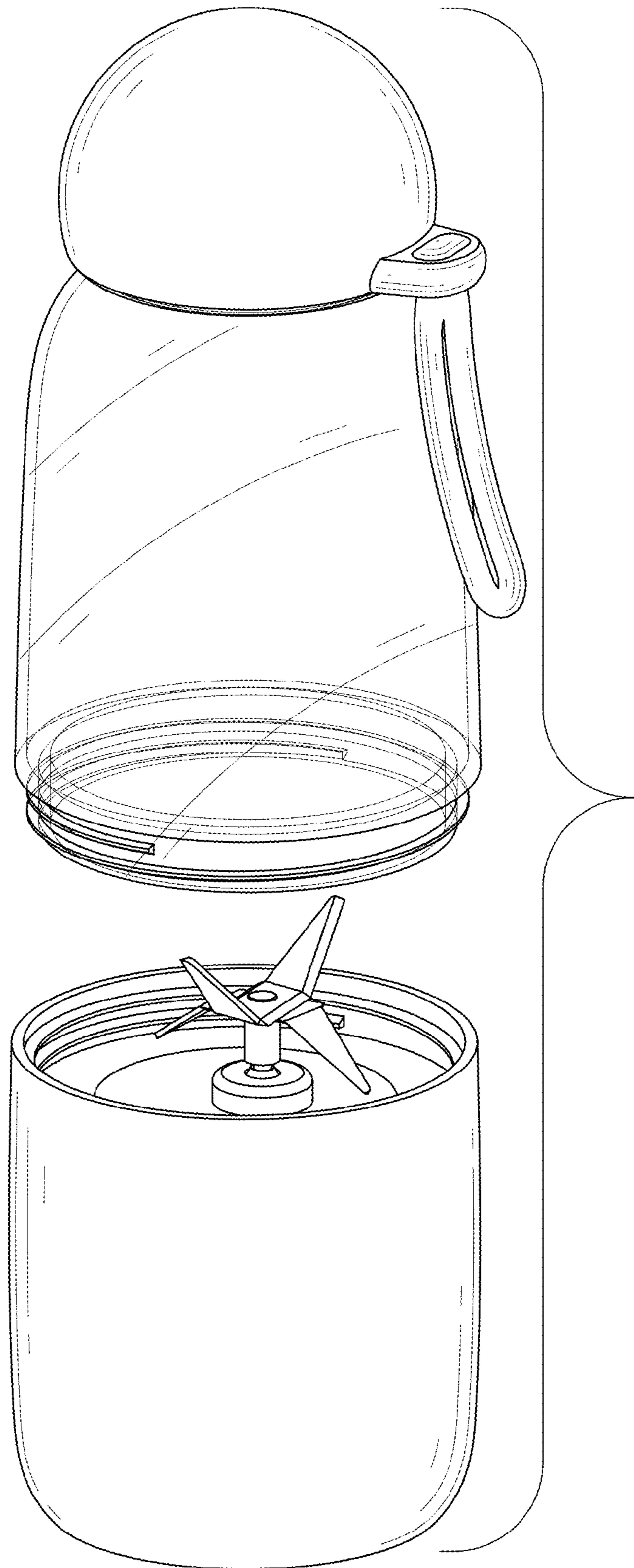


FIG. 9

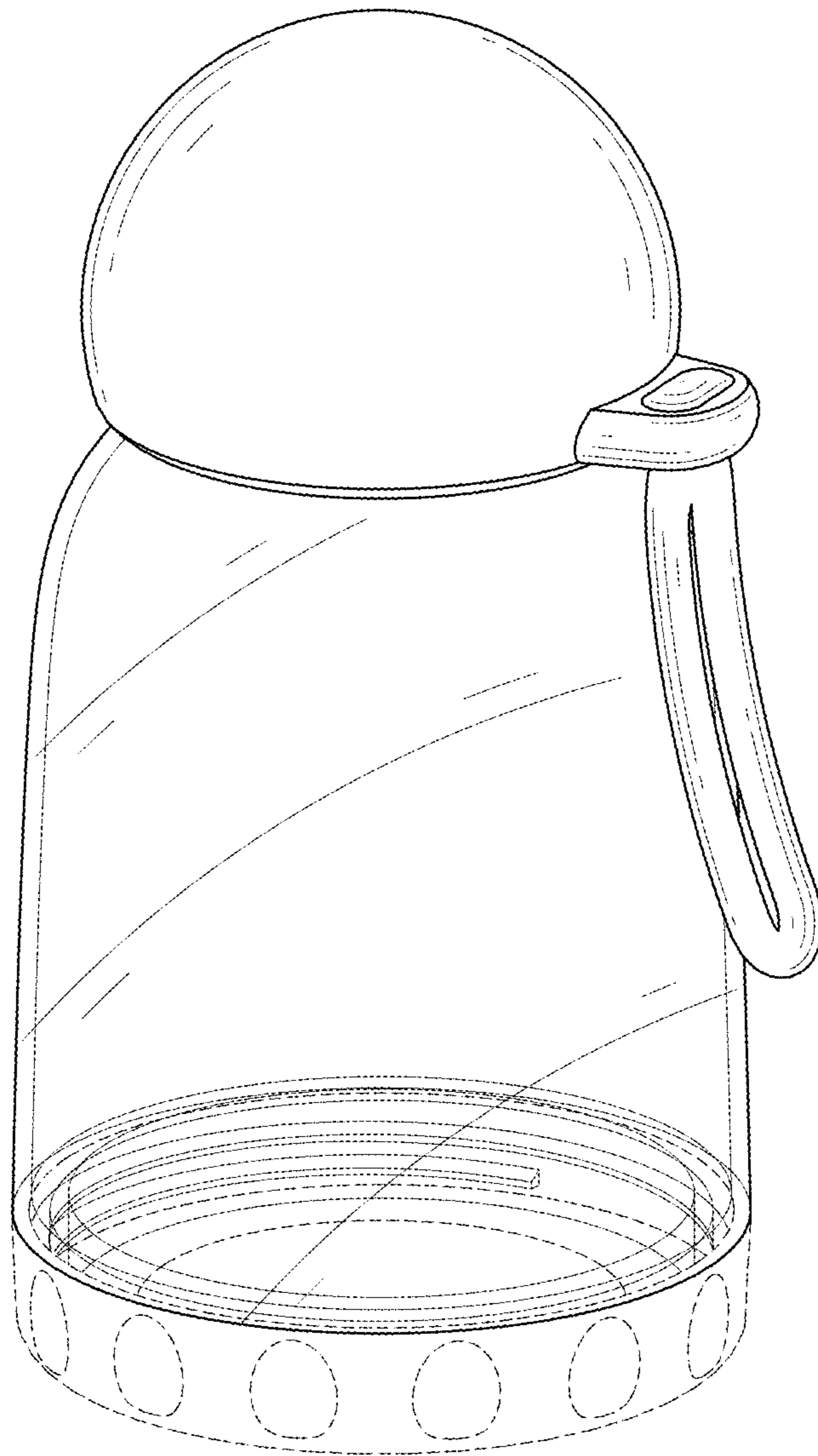


FIG. 10