

US00D866444S

(12) **United States Design Patent** (10) **Patent No.:** **US D866,444 S**
Hawkes (45) **Date of Patent:** **** Nov. 12, 2019**

(54) **ERGONOMIC SUBMERSIBLE POD**
(71) Applicant: **Graham Sidney Hawkes**, Point Richmond, CA (US)
(72) Inventor: **Graham Sidney Hawkes**, Point Richmond, CA (US)
(**) Term: **15 Years**

(21) Appl. No.: **29/627,769**
(22) Filed: **Nov. 29, 2017**
(51) **LOC (12) Cl.** **12-06**
(52) **U.S. Cl.**
USPC **D12/308**
(58) **Field of Classification Search**
USPC D12/308, 317
CPC ... B63G 8/00; B63G 8/40; B63G 8/41; B63G 2008/403; B63C 9/00; B63C 9/06; B63C 9/065; B63C 11/10
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
1,081,115 A * 12/1913 Hills B63C 9/06 441/87
1,093,381 A * 4/1914 Brown B63C 9/06 441/87
1,129,958 A * 3/1915 Collins B63C 9/06 441/87
1,148,583 A * 8/1915 Felland B63C 9/06 441/87
1,165,503 A * 12/1915 Collins B63C 9/06 241/200
1,802,932 A * 4/1931 Spear B63G 8/41 114/324

(Continued)

Primary Examiner — Cynthia M. Chin

(74) *Attorney, Agent, or Firm* — Thomas G. Ference

(57) **CLAIM**

The ornamental design for an ergonomic submersible pod, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the ergonomic submersible pod showing my new design; FIG. 2 is a perspective view of FIG. 1 with occupant, dome, seal and latch removed to show the hollow interior design; FIG. 3 is a front elevational view of FIG. 1; FIG. 4 is a back elevational view of FIG. 1; FIG. 5 is a left-side elevational view of FIG. 1; FIG. 6 is a right-side elevational view of FIG. 1; FIG. 7 is a sectional view along line 7-7 of FIG. 3 showing the hollow interior design; FIG. 8 is a top plan view of FIG. 1; FIG. 9 is a bottom plan view of FIG. 1; FIG. 10 is the same view of the pod in FIG. 7, now with latch open and dome displace to show entry into the pod; FIG. 11 is a perspective view of the pod of FIG. 1 integrated with a propulsion system showing one intended use; FIG. 12 is a perspective view of the pod of FIG. 1 integrated with a submersible vehicle showing another intended use; and, FIG. 13 is a perspective view of the pod of FIG. 1 integrating a plurality of pods with a submersible vehicle showing another intended use.

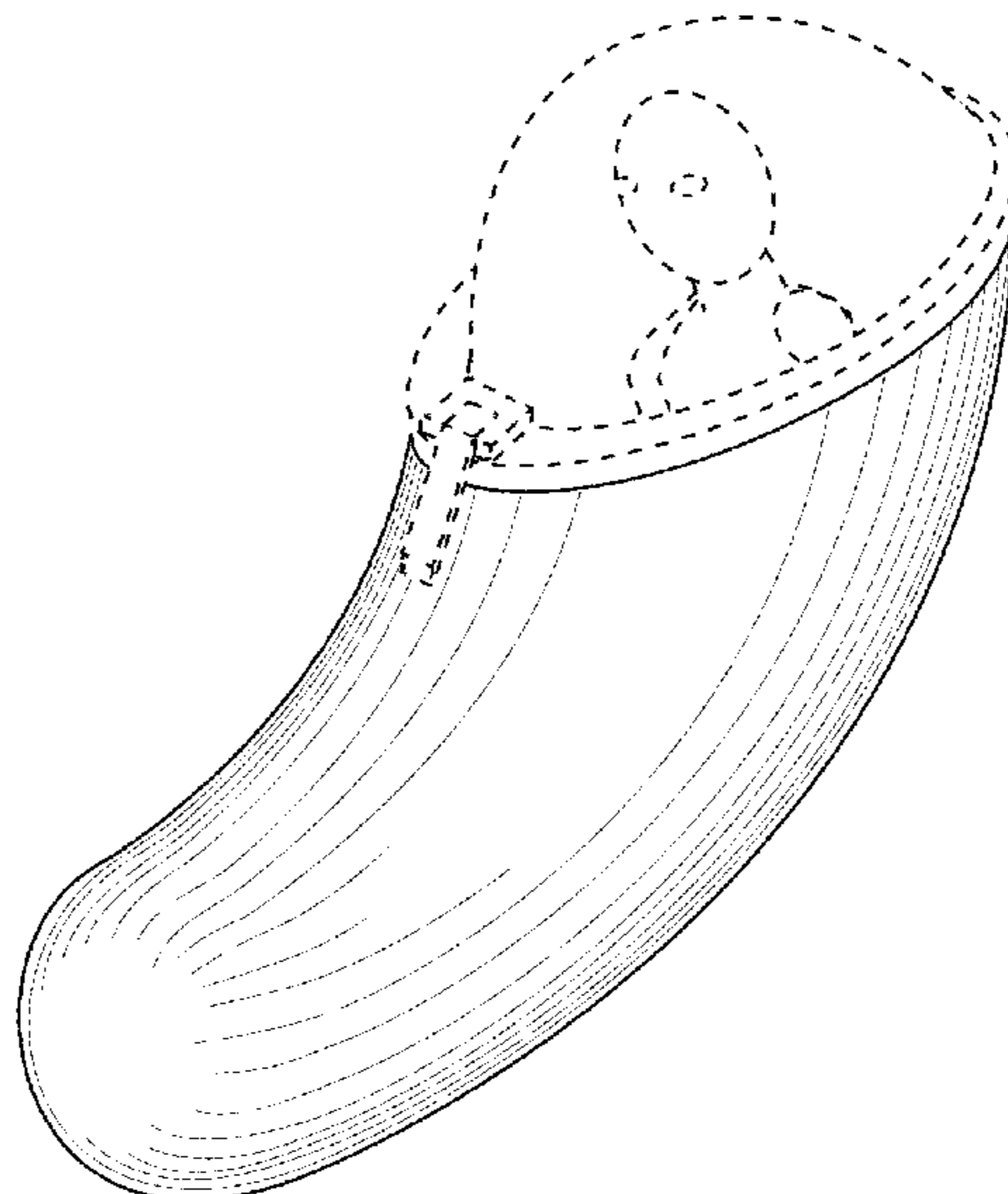
The uniformly broken lines in FIGS. 1-8 and 10-13 are for the purpose of illustrating portions of the article that form no part of the claim and/or the environment in which the article resides.

The thinner shading lines that appear on the device in FIGS. 1-6, 8, 9, 11 and 13 illustrate 3-dimensional perspective.

The thinner vertical lines shown in FIG. 2 illustrate an opening to an interior of the design.

The hatching lines in FIGS. 7, 10 and 12 depict a section portions through the ergonomic submersible pod.

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,341,923	A *	2/1944	Kotelev	B63G 8/41 114/324
3,338,201	A *	8/1967	Miller	B63C 11/10 114/334
3,371,635	A *	3/1968	Seeley	B63B 3/13 114/330
3,387,580	A *	6/1968	Walker	B63B 3/13 114/313
4,306,413	A *	12/1981	Middleton	B63G 8/41 114/322
4,394,124	A *	7/1983	Cooper	B63C 9/06 441/86
5,237,952	A *	8/1993	Rowe	B63B 11/04 114/280
5,657,715	A *	8/1997	Therriault	B63C 9/06 114/349
7,131,389	B1	11/2006	Hawkes	
2012/0252290	A1 *	10/2012	Lee	B63C 9/065 441/87

* cited by examiner

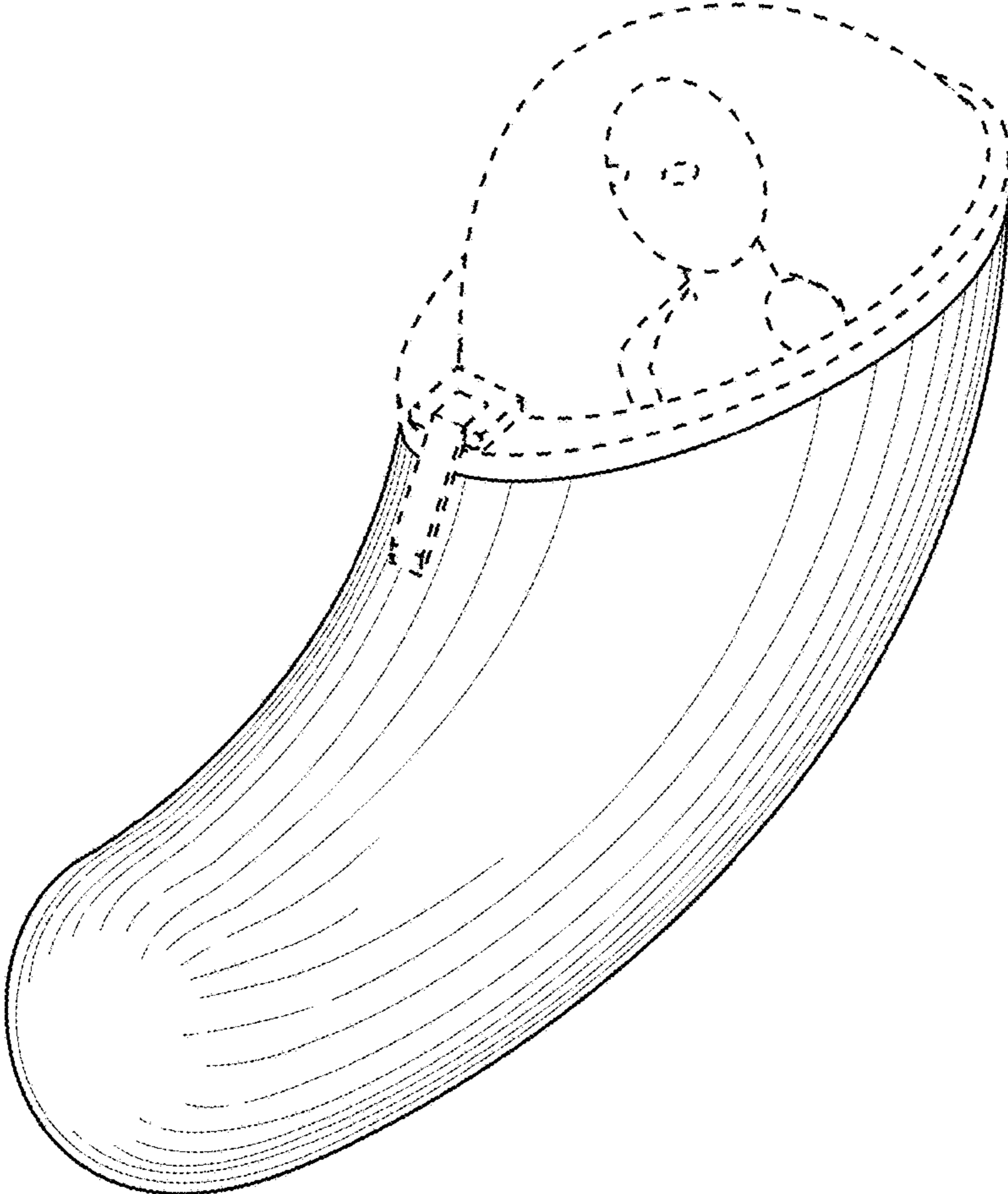


Figure 1

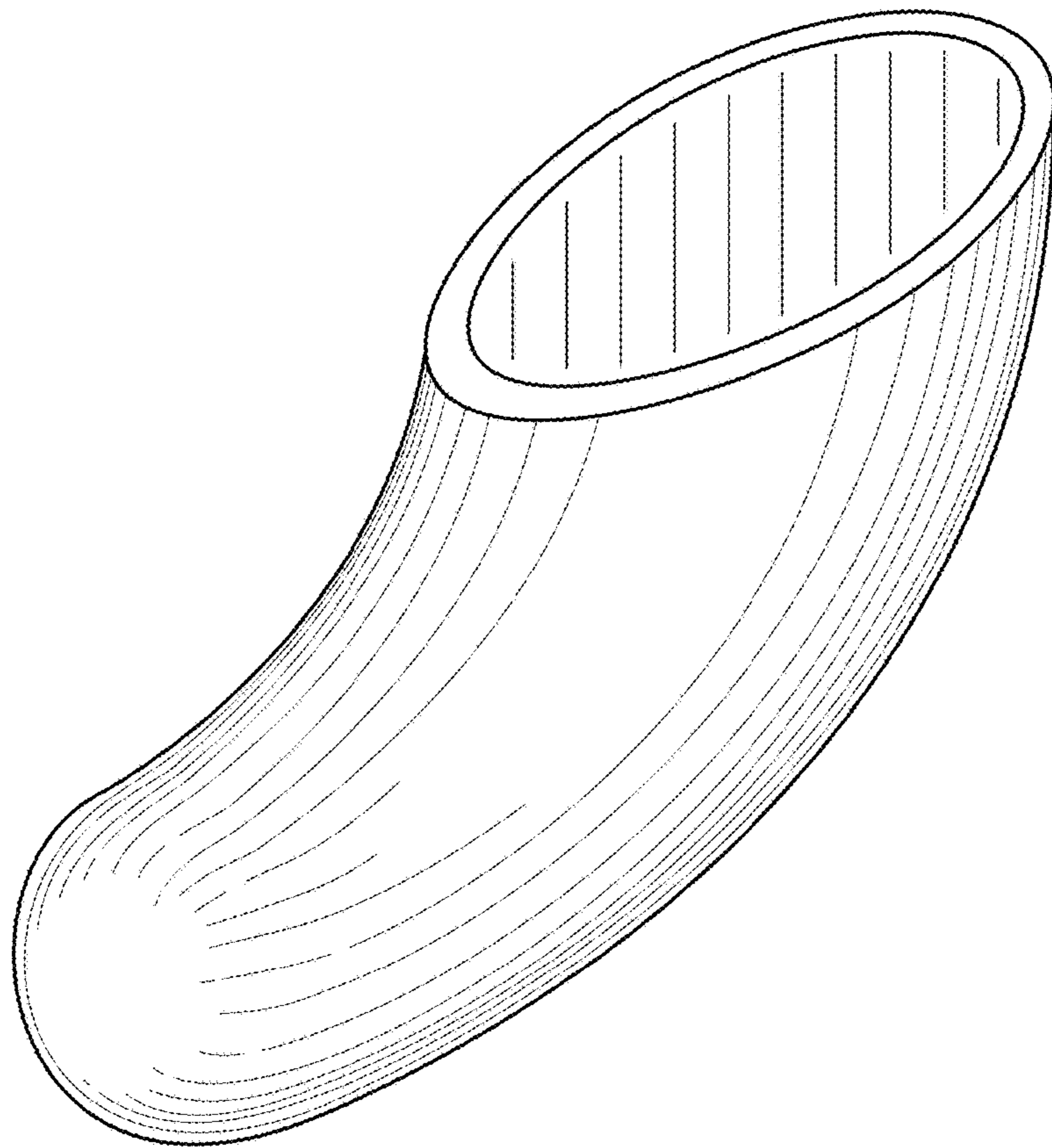


Figure 2

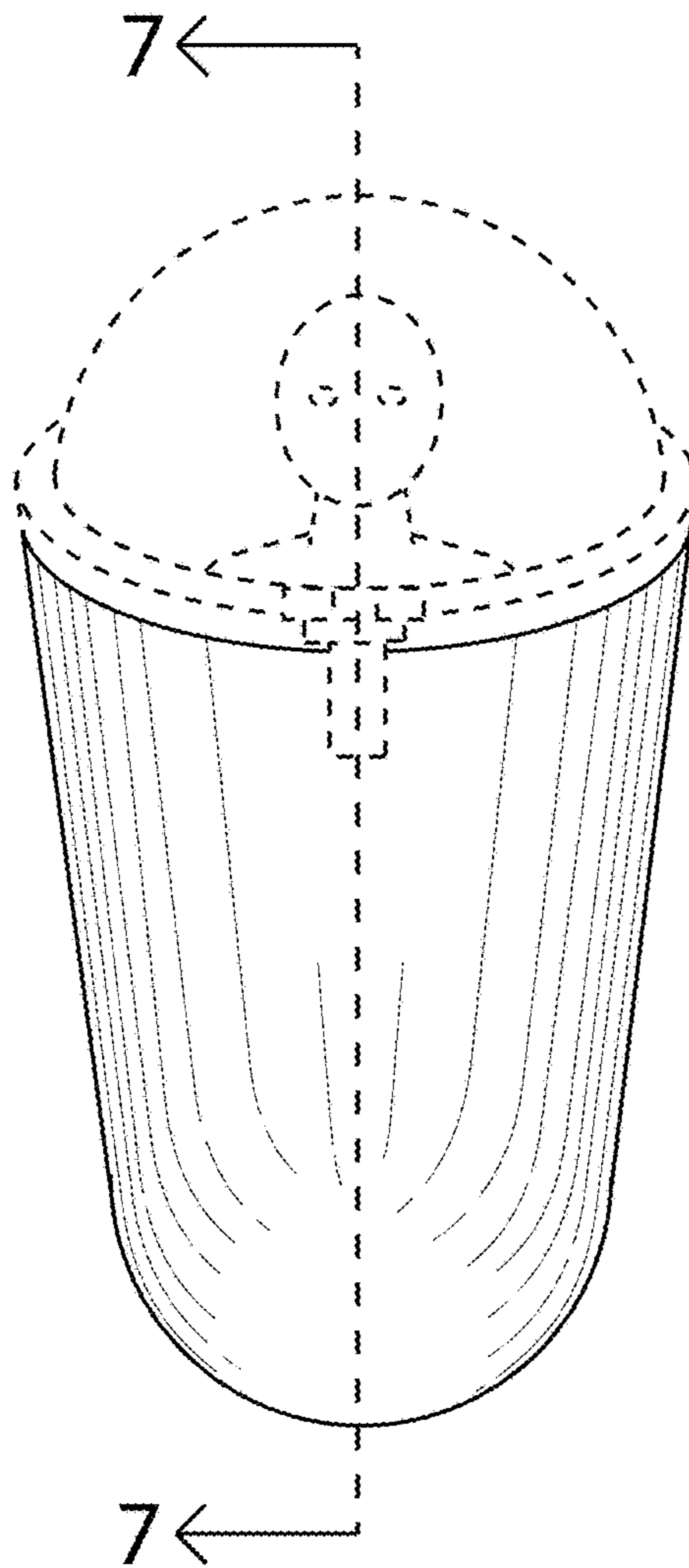


Figure 3

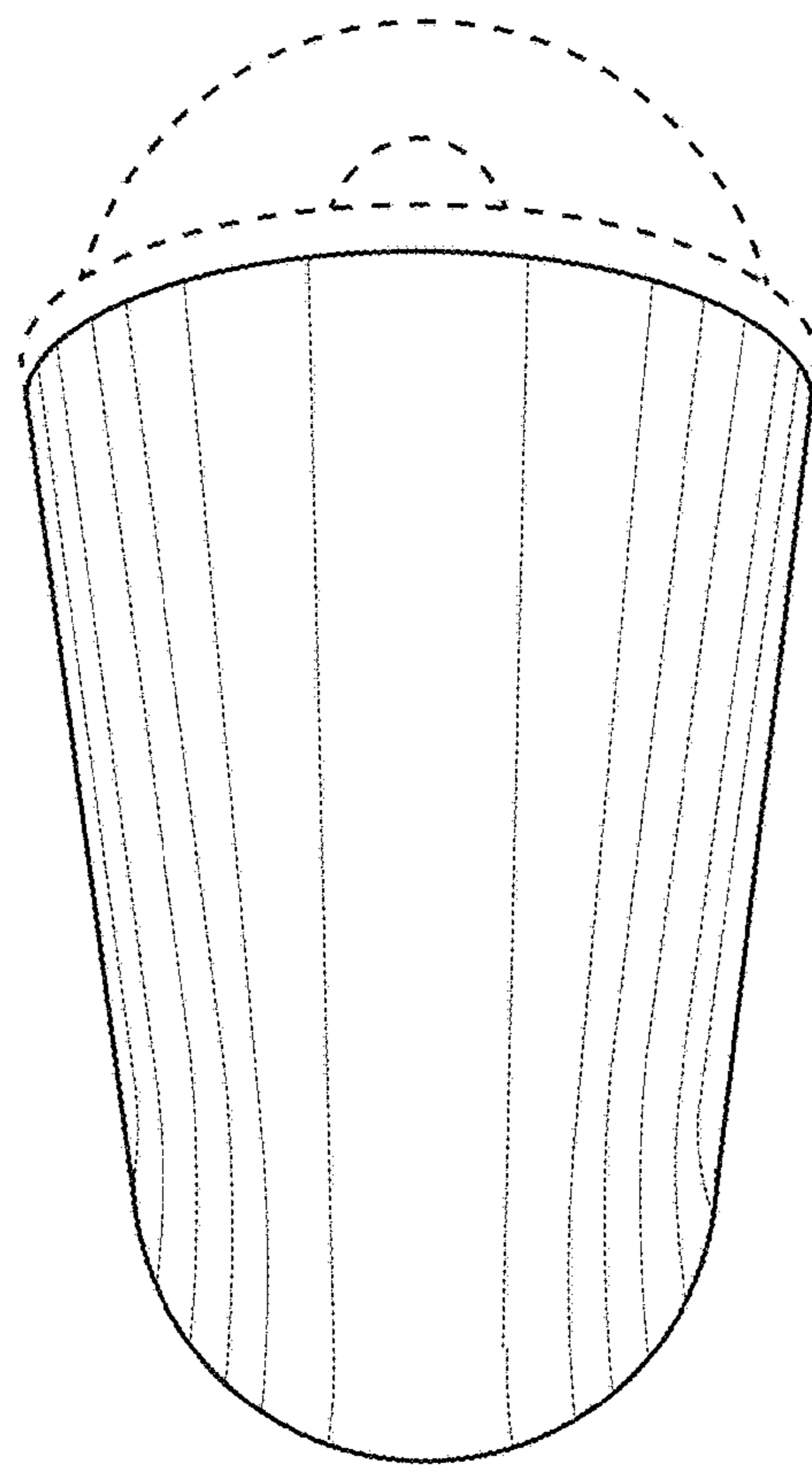


Figure 4

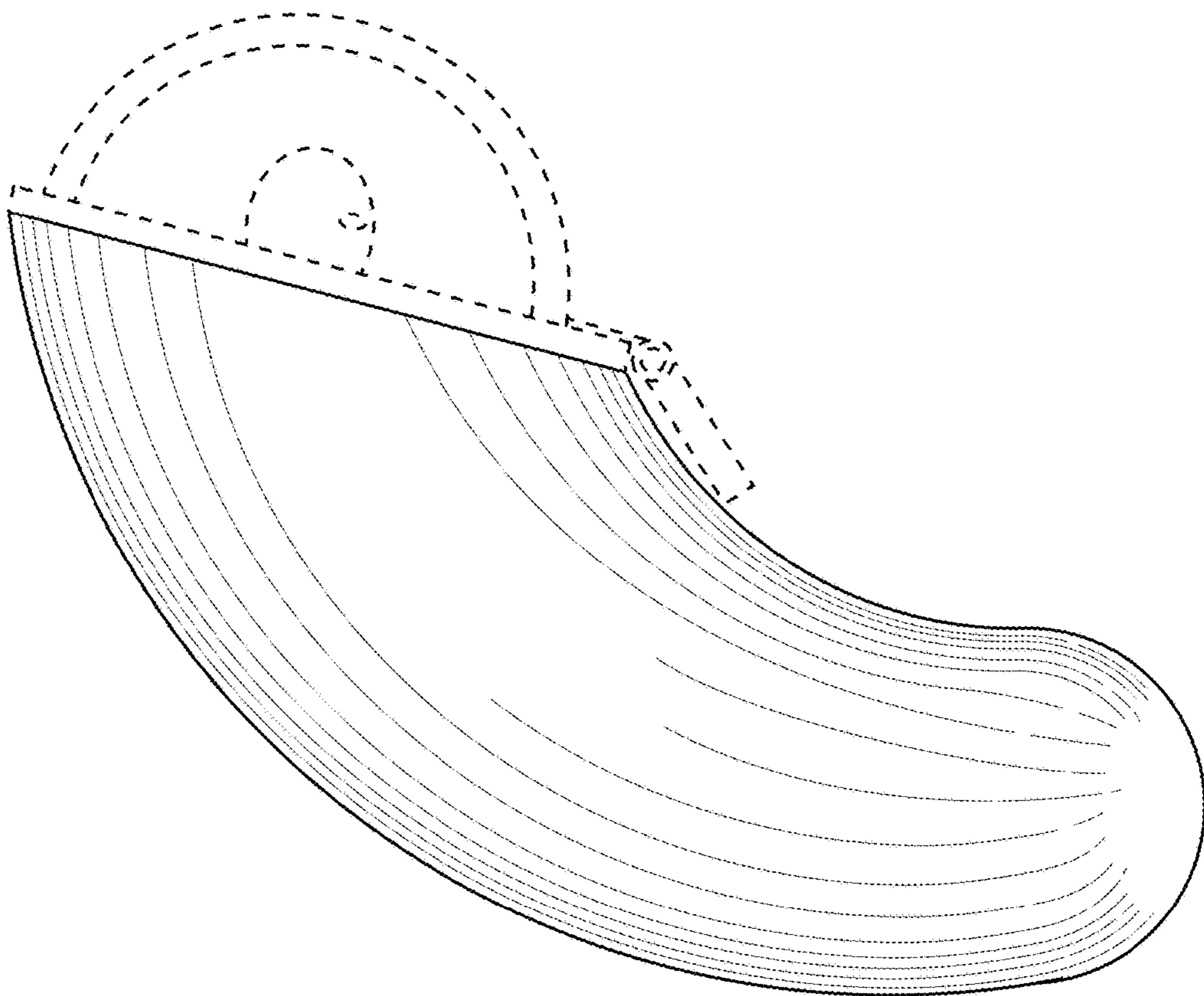


Figure 5

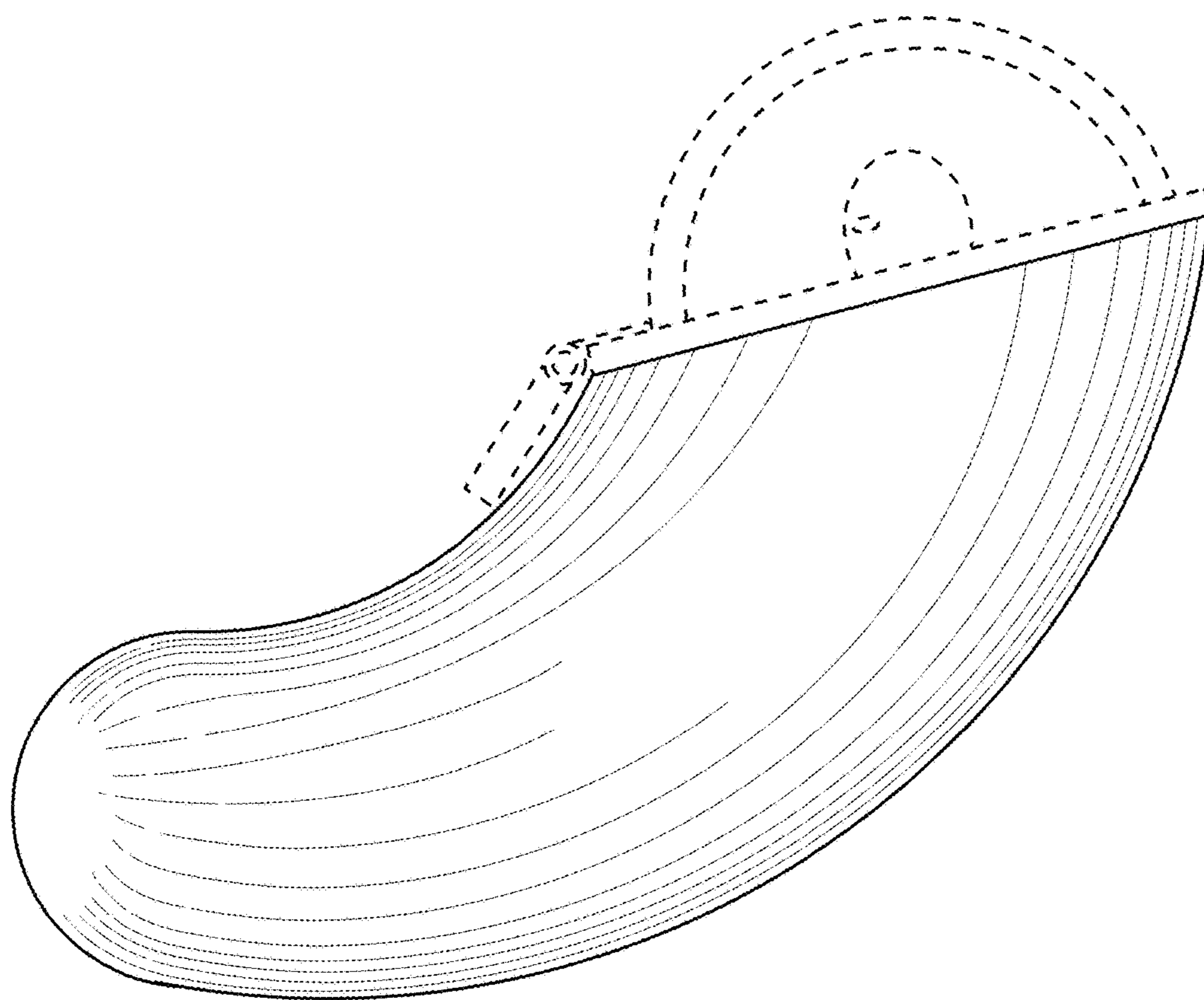


Figure 6

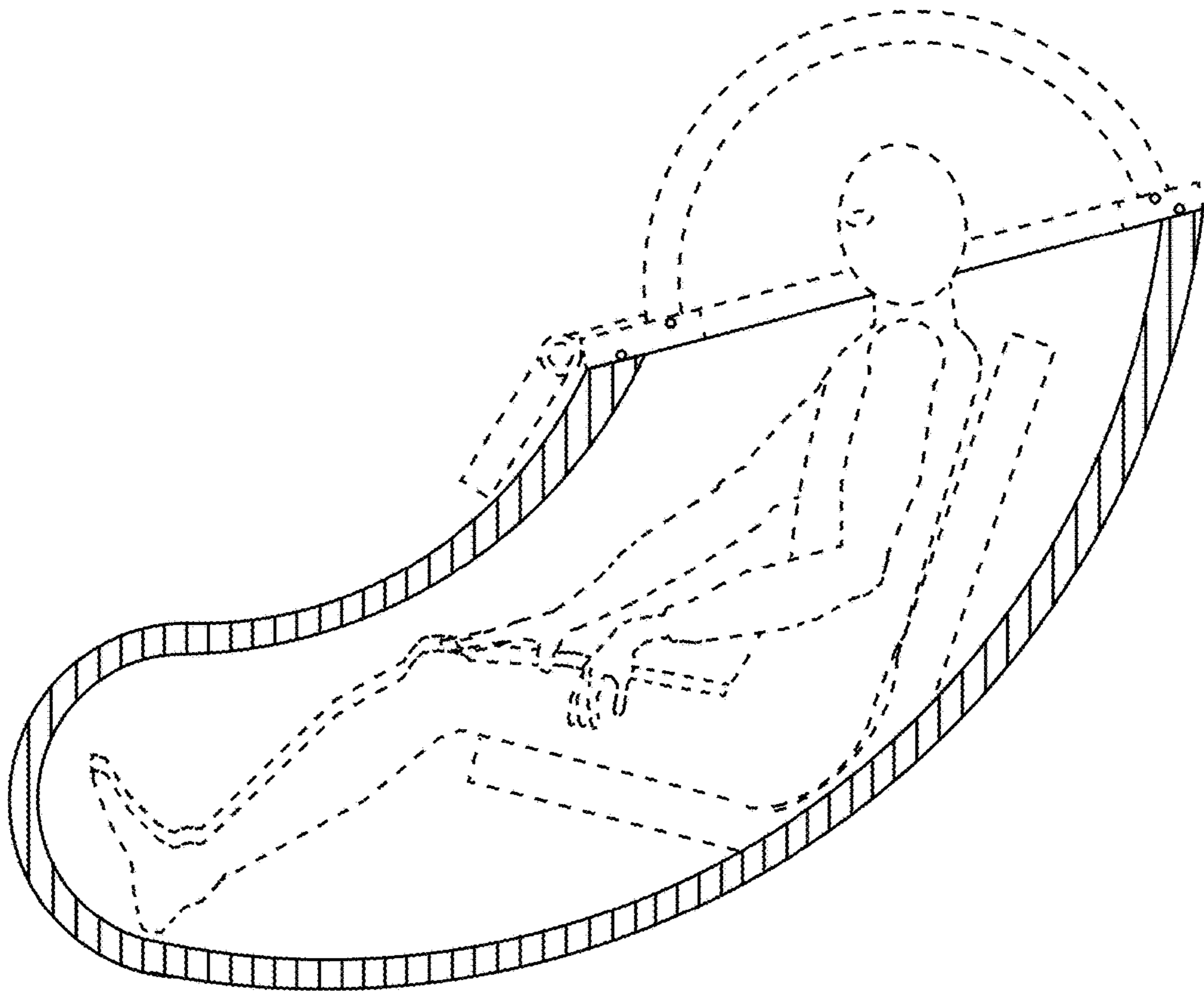


Figure 7

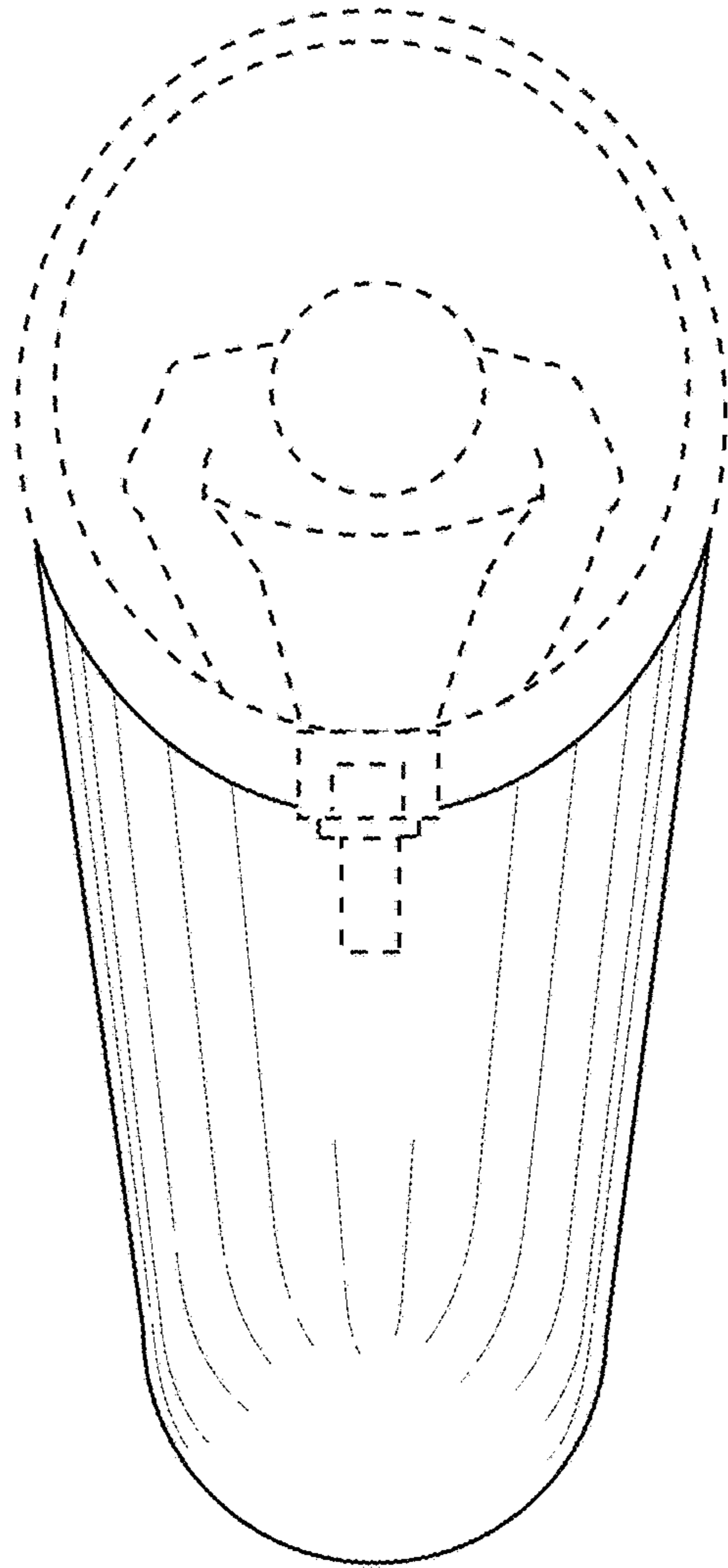


Figure 8

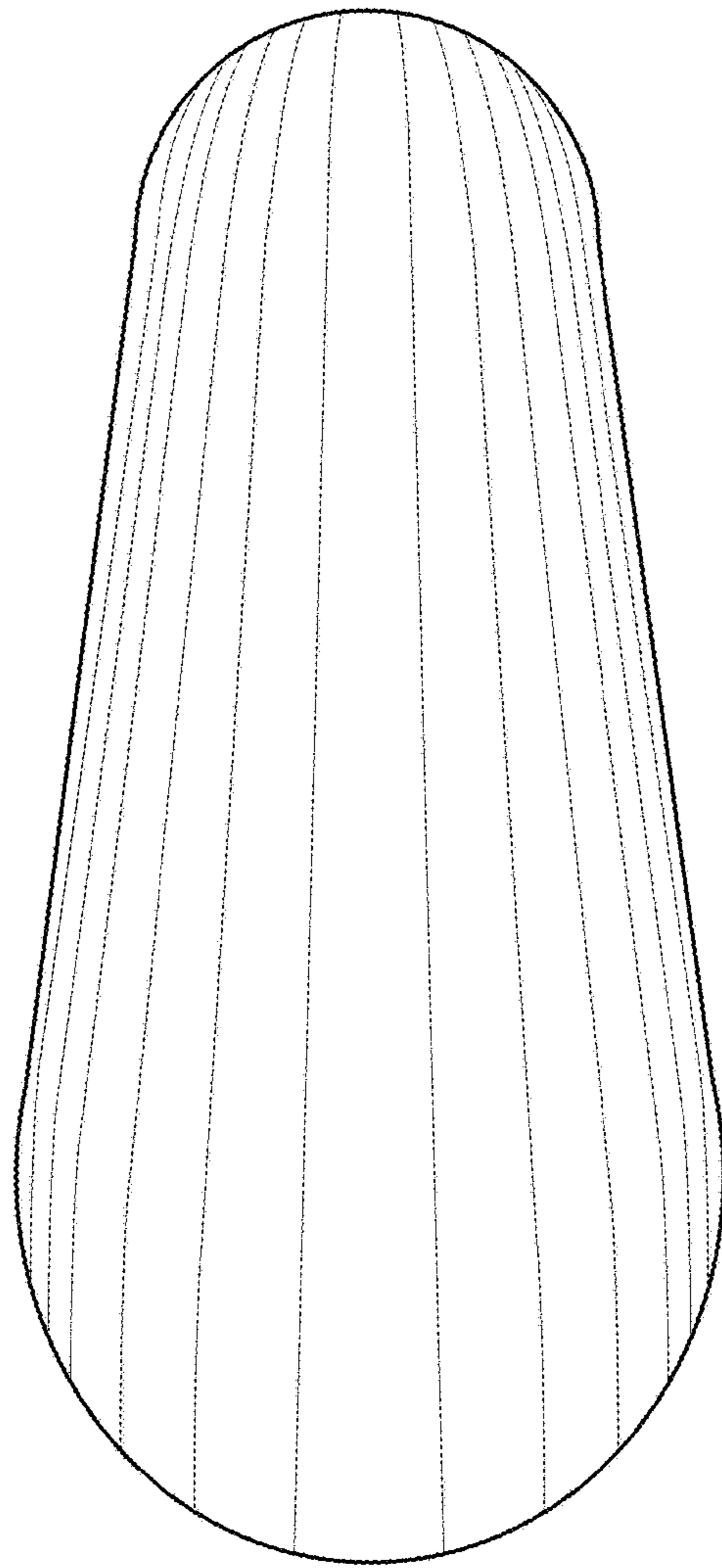


Figure 9

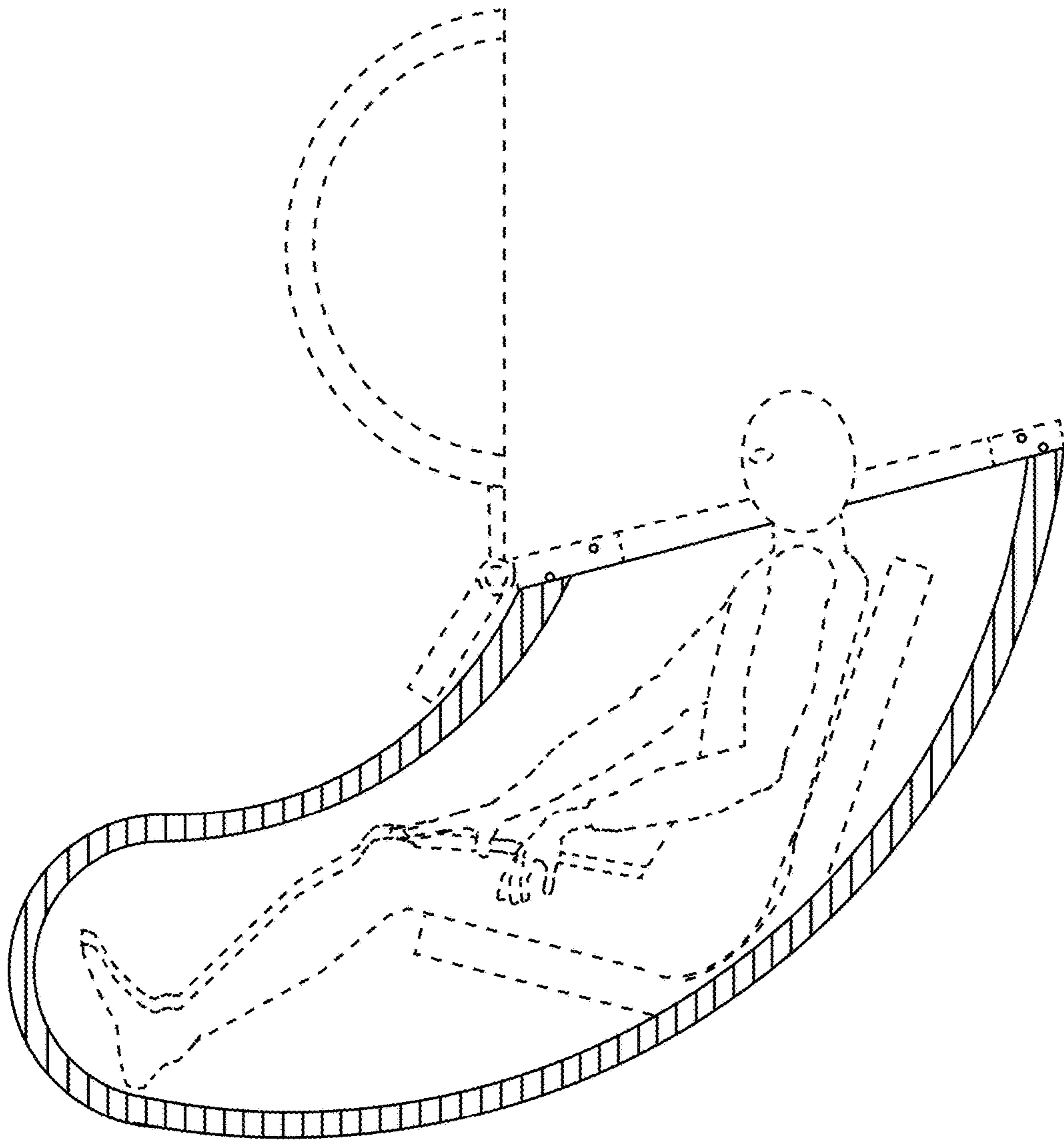


Figure 10

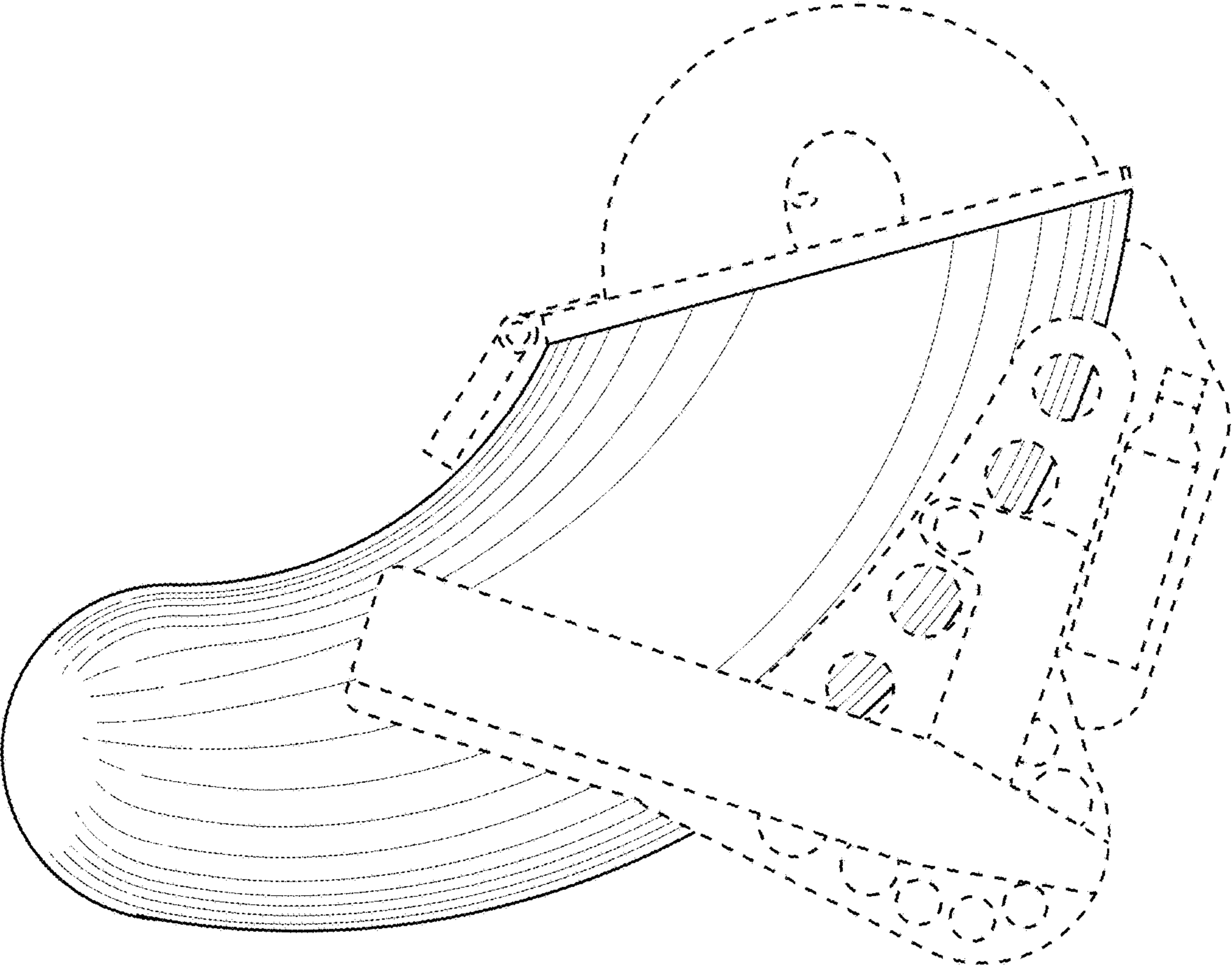


Figure 11

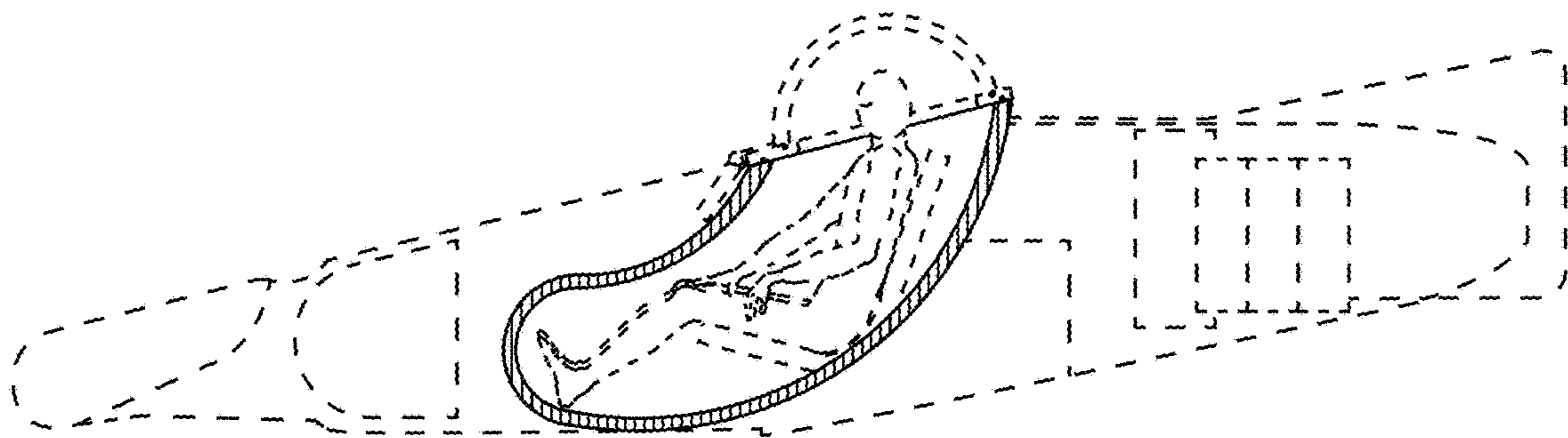


Figure 12

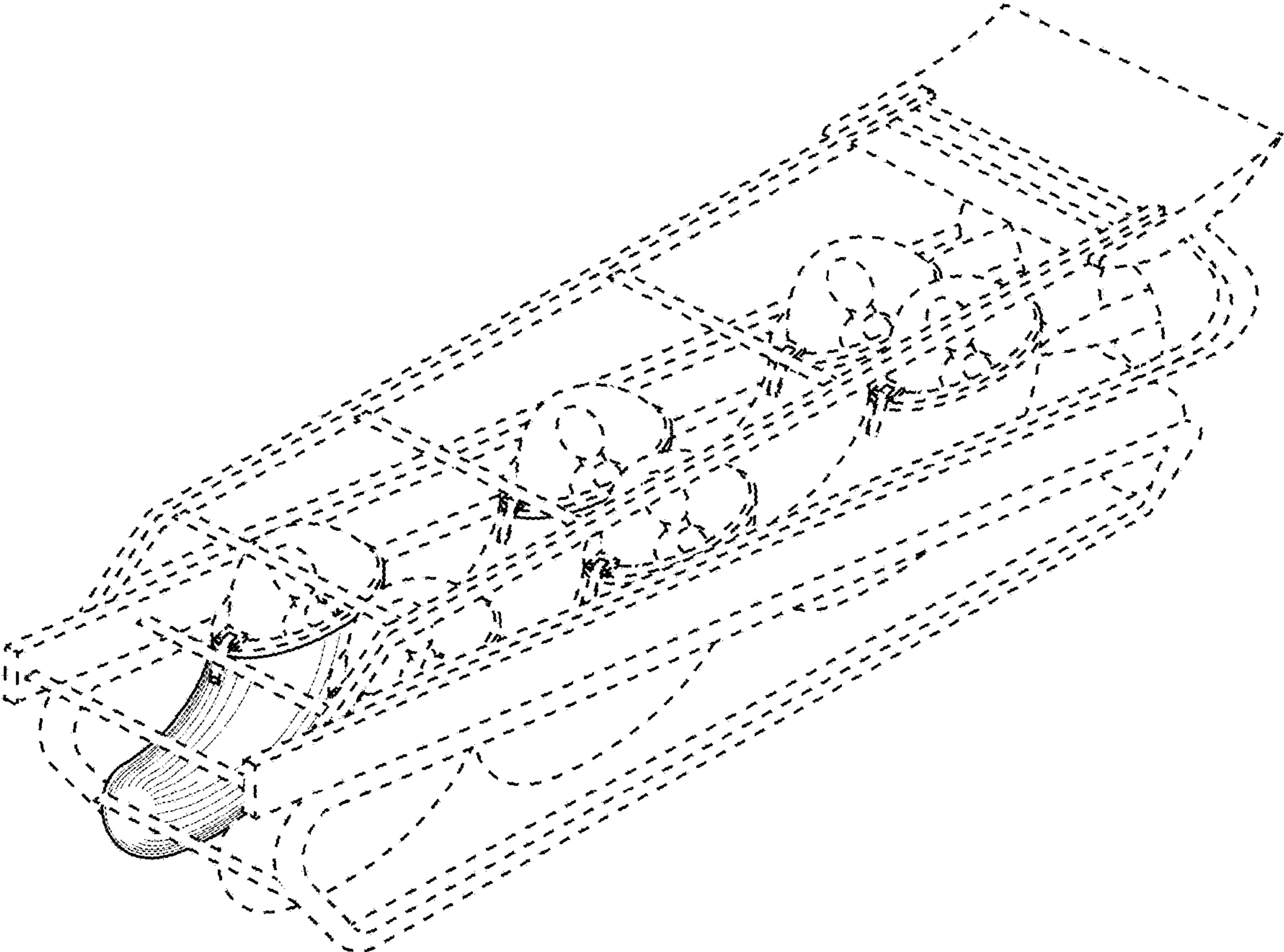


Figure 13