



US00D967957S

(12) **United States Design Patent** (10) **Patent No.:** **US D967,957 S**  
**Carver** (45) **Date of Patent:** **\*\* Oct. 25, 2022**

(54) **SKIN GROWTH EXCISION APPARATUS**  
(71) Applicant: **Tag Off LLC**, Wheat Ridge, CO (US)  
(72) Inventor: **Alan R. Carver**, Erie, CO (US)  
(73) Assignee: **Tag Off LLC**, Wheat Ridge, CO (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/809,267**  
(22) Filed: **Sep. 27, 2021**

4,257,419 A 3/1981 Goltner et al.  
4,374,523 A 2/1983 Yoon  
4,450,845 A 5/1984 Engel  
4,869,268 A 9/1989 Yoon  
4,924,864 A 5/1990 Danzig  
5,026,379 A 6/1991 Yoon  
5,158,563 A 10/1992 Cosman  
5,578,047 A 11/1996 Taylor  
5,702,356 A 12/1997 Hathman  
6,024,742 A 2/2000 Tu et al.  
6,241,740 B1 6/2001 Davis et al.  
6,527,786 B1 3/2003 Davis et al.  
7,513,902 B2 4/2009 Banbury et al.

(Continued)

**Related U.S. Application Data**

(63) Continuation of application No. 16/804,931, filed on Feb. 28, 2020.  
(51) **LOC (13) Cl.** ..... **24-02**  
(52) **U.S. Cl.**  
USPC ..... **D24/146**  
(58) **Field of Classification Search**  
USPC ..... D24/100, 105, 107, 108, 110, 111, 112, D24/113, 114, 115, 116, 117, 118, 119, D24/140, 141, 144, 146, 147, 223, 224, D24/228; D28/7  
CPC ..... A61F 11/006; A61F 13/38; A61F 13/15; A61F 13/64; A61F 13/467; A61F 13/5611; A61F 13/4704; A61F 13/5616; A61F 13/4758; A61F 13/472; A61B 2017/246; A61B 17/1615; A61B 17/1697; A61B 2018/0231; A61M 2210/0662  
See application file for complete search history.

**OTHER PUBLICATIONS**

U.S. Appl. No. 15/436,799, filed Feb. 18, 2017, Carver.  
(Continued)

*Primary Examiner* — Samantha Q Lawrence  
(74) *Attorney, Agent, or Firm* — Craig R. Miles; CR Miles P.C.

(57) **CLAIM**

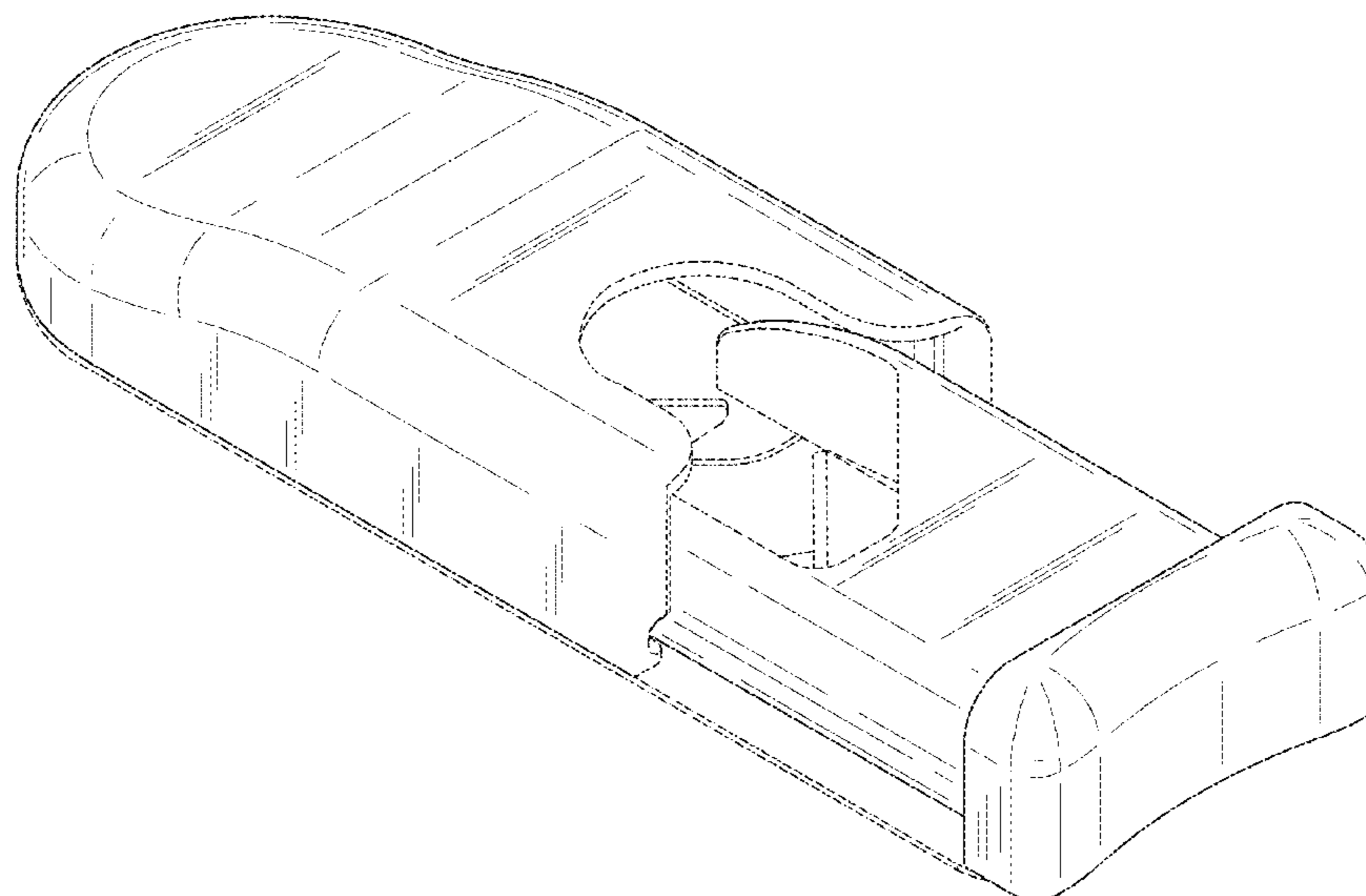
The ornamental design for a skin growth excision apparatus, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a skin growth excision apparatus showing my new design; FIG. 2 is a first side elevation view thereof; FIG. 3 is a second side elevation view thereof; FIG. 4 is a front elevation view thereof; FIG. 5 is a rear elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines shown are included for the purpose of illustrating the unclaimed portions of the article and form no part of the claim.

**1 Claim, 3 Drawing Sheets**

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
2,301,622 A 11/1942 Hambrecht  
3,270,745 A 9/1966 Wood  
3,358,682 A 12/1967 Preston  
3,382,873 A 5/1968 Banich et al.  
3,760,810 A 9/1973 Van Hoorn  
4,226,239 A 10/1980 Polk et al.



(56)

**References Cited**

U.S. PATENT DOCUMENTS

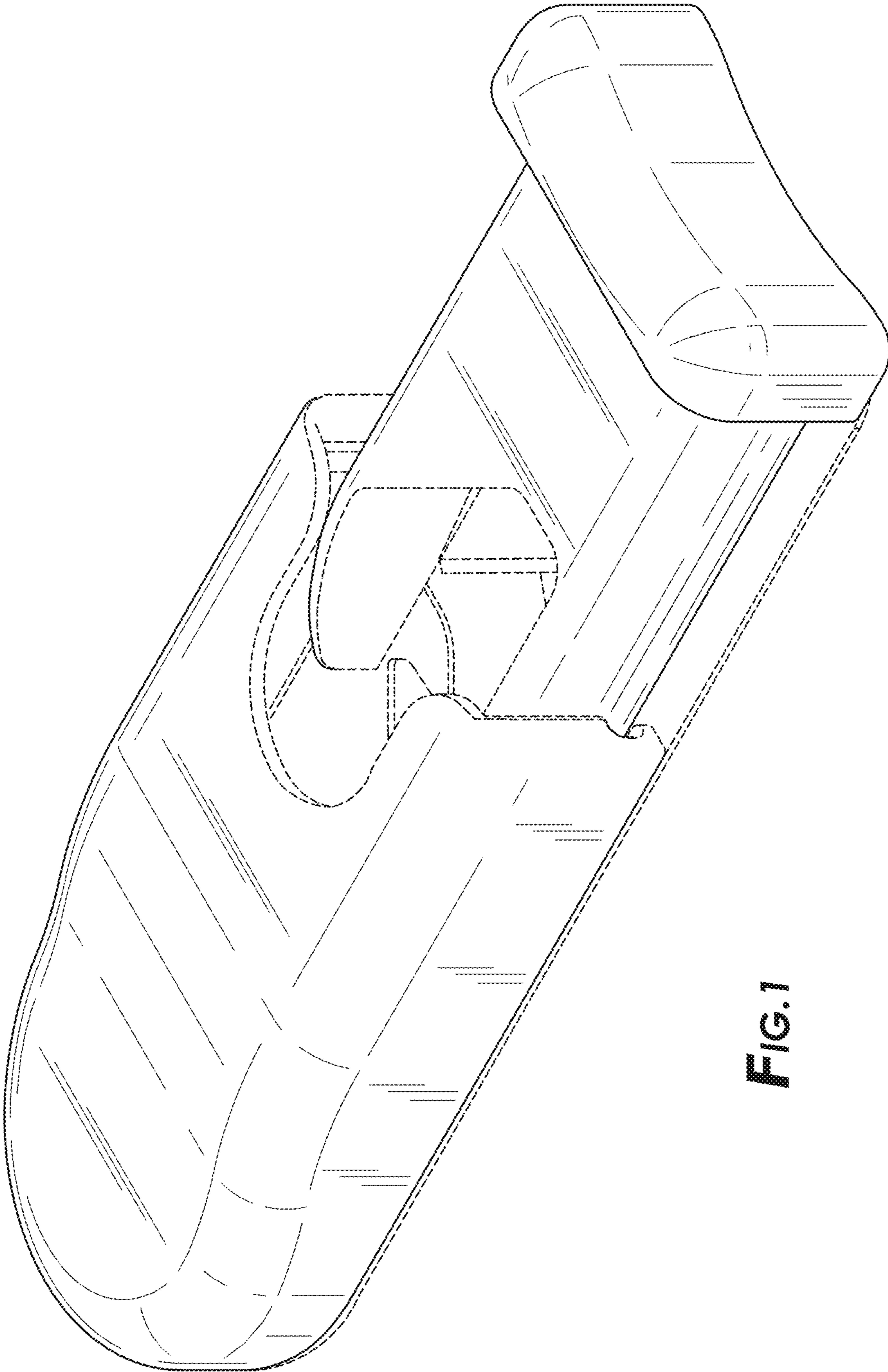
8,128,637	B2	3/2012	Sundstrom	
D673,265	S *	12/2012	Nonnemacher .....	D24/119
8,568,426	B2	10/2013	Straehnz et al.	
9,023,064	B2	5/2015	Vermeersch	
D742,506	S *	11/2015	Burke .....	D24/119
RE45,921	E	3/2016	Alferness et al.	
D815,734	S *	4/2018	Burke .....	D24/119
D872,299	S *	1/2020	Trump .....	D24/224
D893,046	S *	8/2020	Jones .....	D9/741
D901,036	S *	11/2020	Wahba .....	D24/224
D901,711	S *	11/2020	Galen .....	D24/224
D919,087	S *	5/2021	Schifano .....	D24/135
D922,568	S *	6/2021	Schifano .....	D24/113
2004/0215217	A1	10/2004	Banbury et al.	
2005/0085751	A1	4/2005	Daskal et al.	
2005/0149063	A1	7/2005	Young et al.	
2005/0277959	A1	12/2005	Cosgrove et al.	
2006/0259042	A1	11/2006	Ali Hassanien	

2006/0282104	A1	12/2006	Williamson, IV et al.
2007/0276353	A1	11/2007	Sundstrom
2009/0221877	A1	9/2009	Woods
2010/0114131	A1	5/2010	Rotunda
2011/0218552	A1	9/2011	Hoffman et al.
2012/0330333	A1	12/2012	Sundstrom et al.
2013/0123806	A1	5/2013	Howlett et al.
2013/0150796	A1	6/2013	Souza et al.
2016/0143654	A1	5/2016	Zantop
2017/0105877	A1	4/2017	Buteux et al.
2017/0273705	A1	9/2017	Zallum et al.

OTHER PUBLICATIONS

U.S. Appl. No. 15/436,799; Office Action dated May 29, 2019.  
 U.S. Appl. No. 15/436,799; Office Action dated Sep. 24, 2019.  
 PCT International Patent Application No. PCT/US21/20125, International Search Report and Written Opinion of the International Searching Authority dated May 6, 2021, 14 pages.

\* cited by examiner



**FIG. 1**

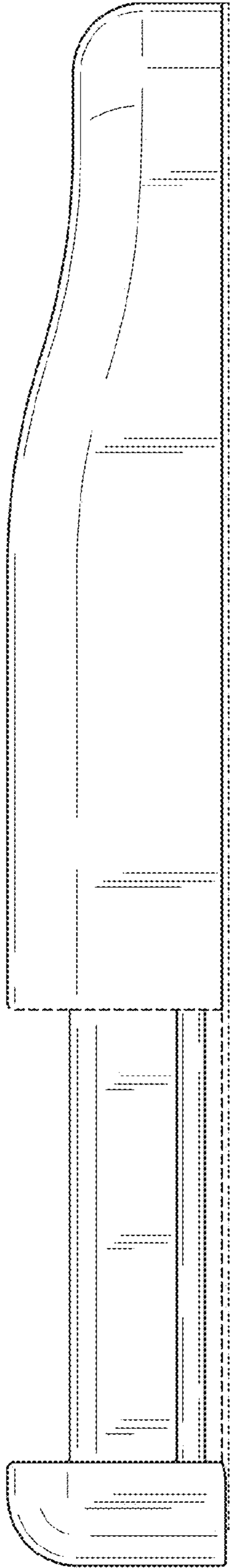


FIG. 2

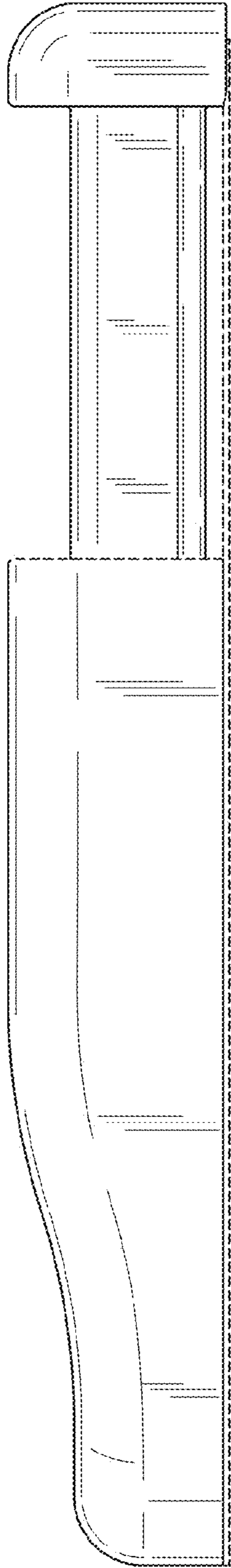


FIG. 3

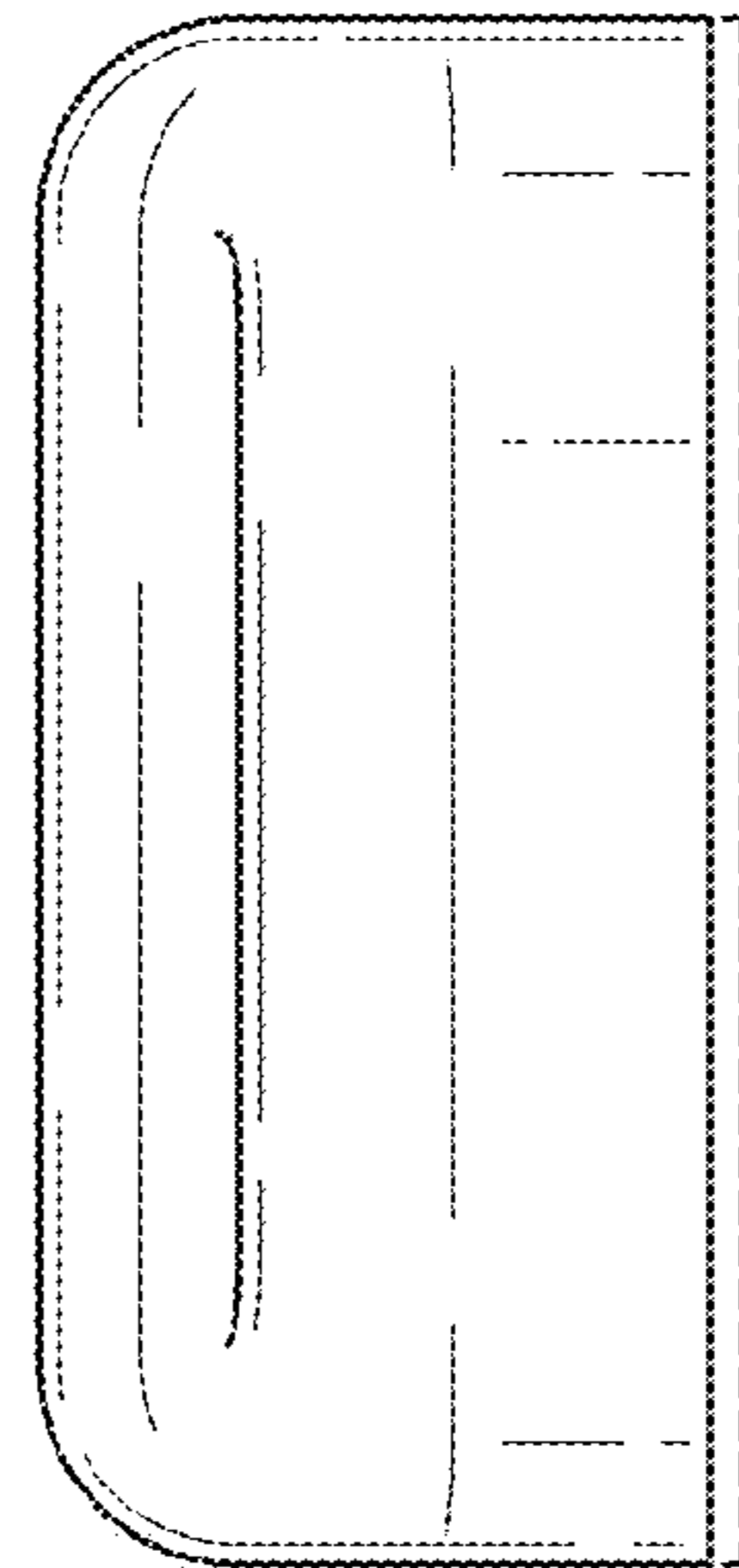


FIG. 4

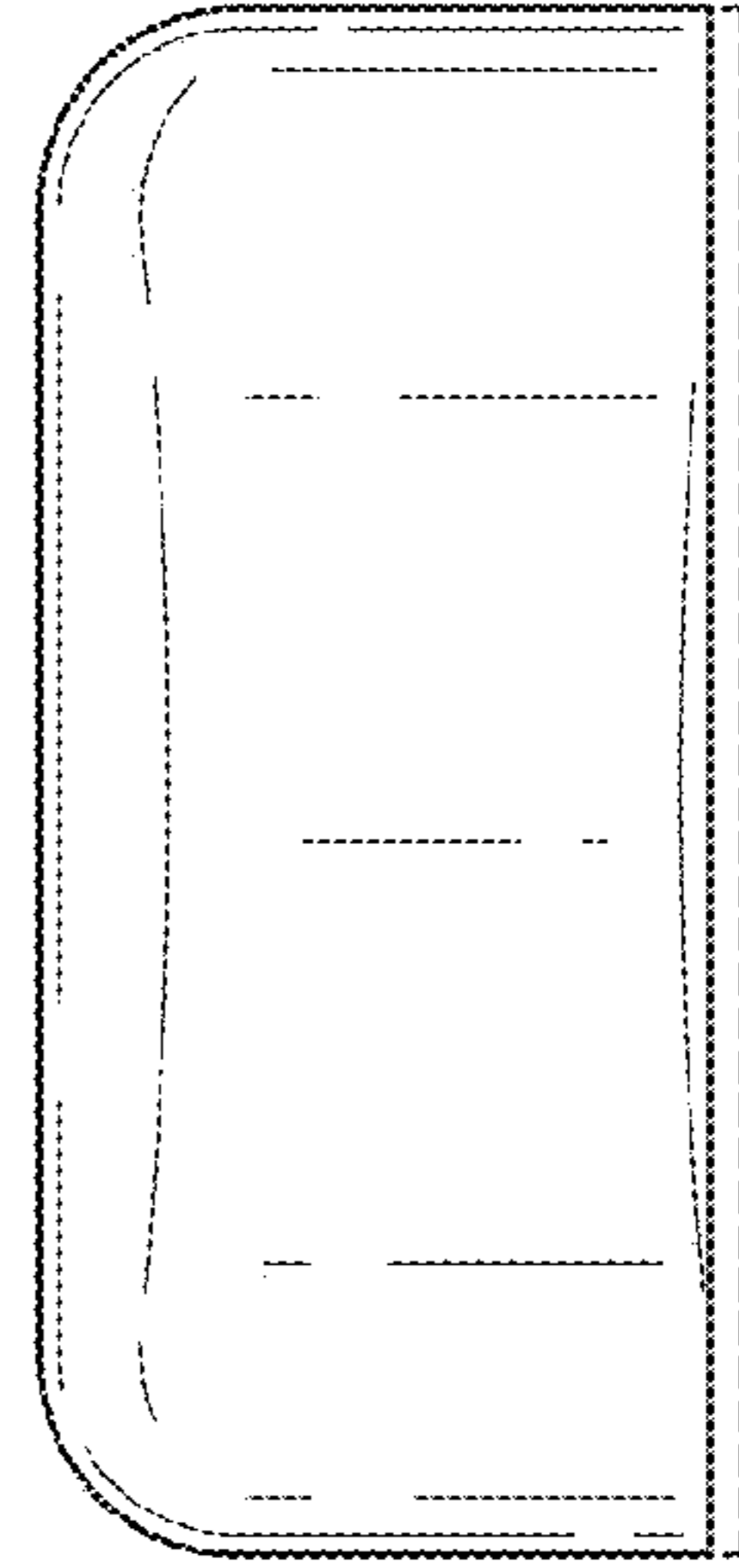
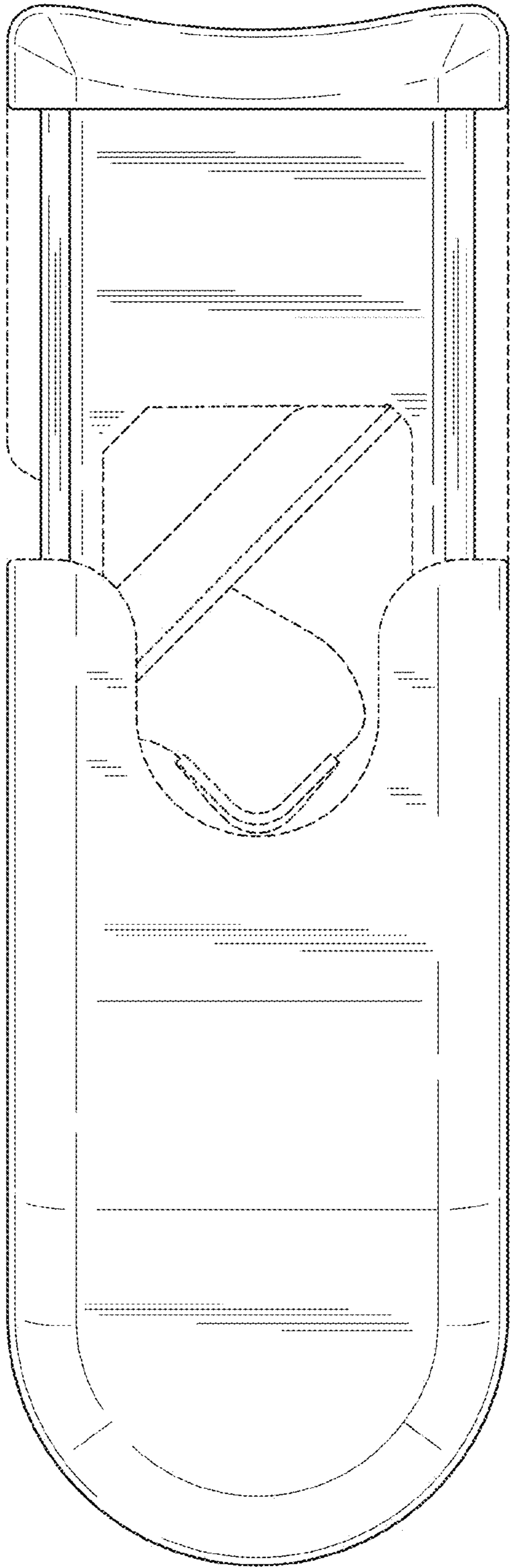
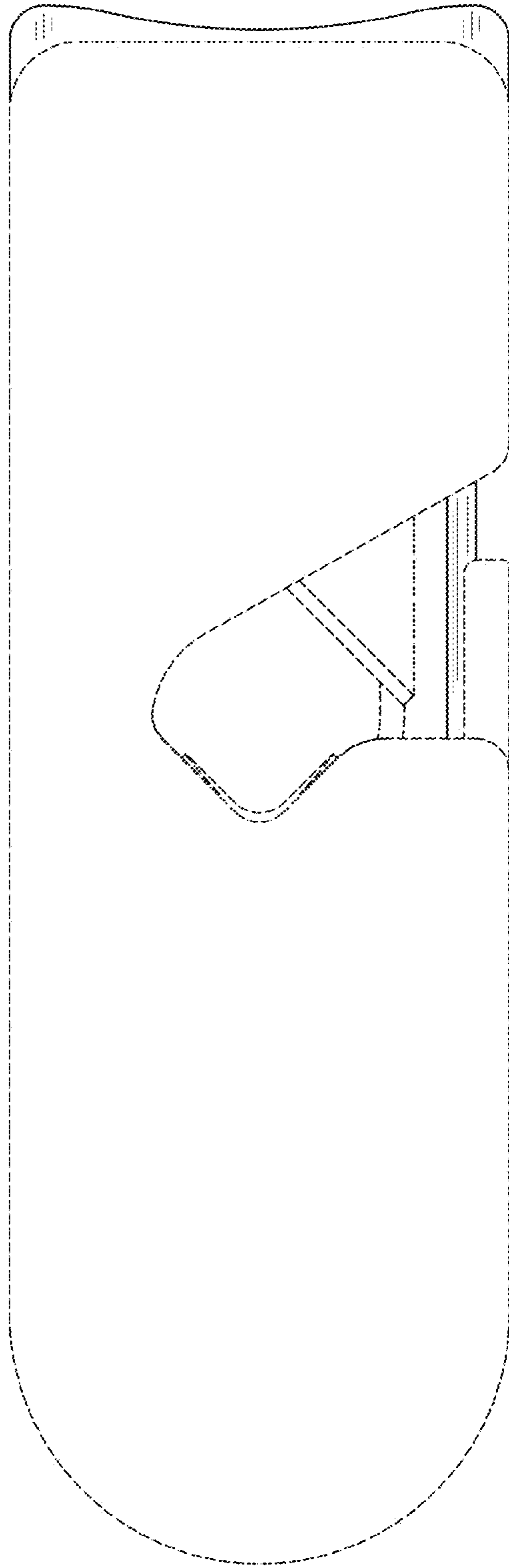


FIG. 5



**FIG. 6**



**FIG. 7**