



US00D740827S

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

(10) **Patent No.:** **US D740,827 S**

(45) **Date of Patent:** **\*\* Oct. 13, 2015**

(54) **RING READER**

G06Q 20/203; A45F 5/00; A45F 2005/002;  
A45F 2005/008; A45F 2200/0516; A45F  
2200/0525; A45F 2200/0533; A45F  
2200/0508; H04N 5/74; H04N 9/3129;  
H04N 9/3141; H01H 2009/0221

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See application file for complete search history.

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

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(21) Appl. No.: **29/501,441**

(22) Filed: **Sep. 4, 2014**

(30) **Foreign Application Priority Data**

Jun. 24, 2014 (CN) ..... 2014 3 01996913

(51) **LOC (10) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/427**

(58) **Field of Classification Search**  
USPC ..... D14/420, 426-430, 453, 346, 341, 347,  
D14/412, 498, 507, 371; D13/107, 184;  
358/473; 235/462.43, 462.45, 462.47,  
235/462.48, 462.44, 462.46, 487, 472.01,  
235/472.02, 440, 486, 462.01, 462.15,  
235/462.21, 412; 16/110.1, 430, 431;  
439/133, 135; 709/219, 201; 710/73;  
320/114, 115, 123; 361/679; 382/313,  
382/321; 455/575.1, 561, 572, 575.6;  
705/17, 14.64, 14.65, 21; 341/20;  
362/103; 250/370.8, 370.1;  
348/E5.137, E5.143, E9.026; 345/179,  
345/156; 463/36; 14/2; 73/702; 600/300,  
600/485; D3/218; 224/267, 575; 340/5.92  
CPC ..... G06K 7/10396; G06K 7/0004; G06K  
7/0017; G06K 7/002; G06K 7/10881; G06K  
7/10386; G06K 7/10009; G06K 7/01; G06K  
7/10891; G06K 7/1054-7/1099; G06K  
2007/10524; G06K 7/10534; G06F 1/163;  
G06F 1/1698; G06F 1/1684; G06Q 20/204;  
G06Q 20/208; G06Q 20/30; G06Q 20/322;

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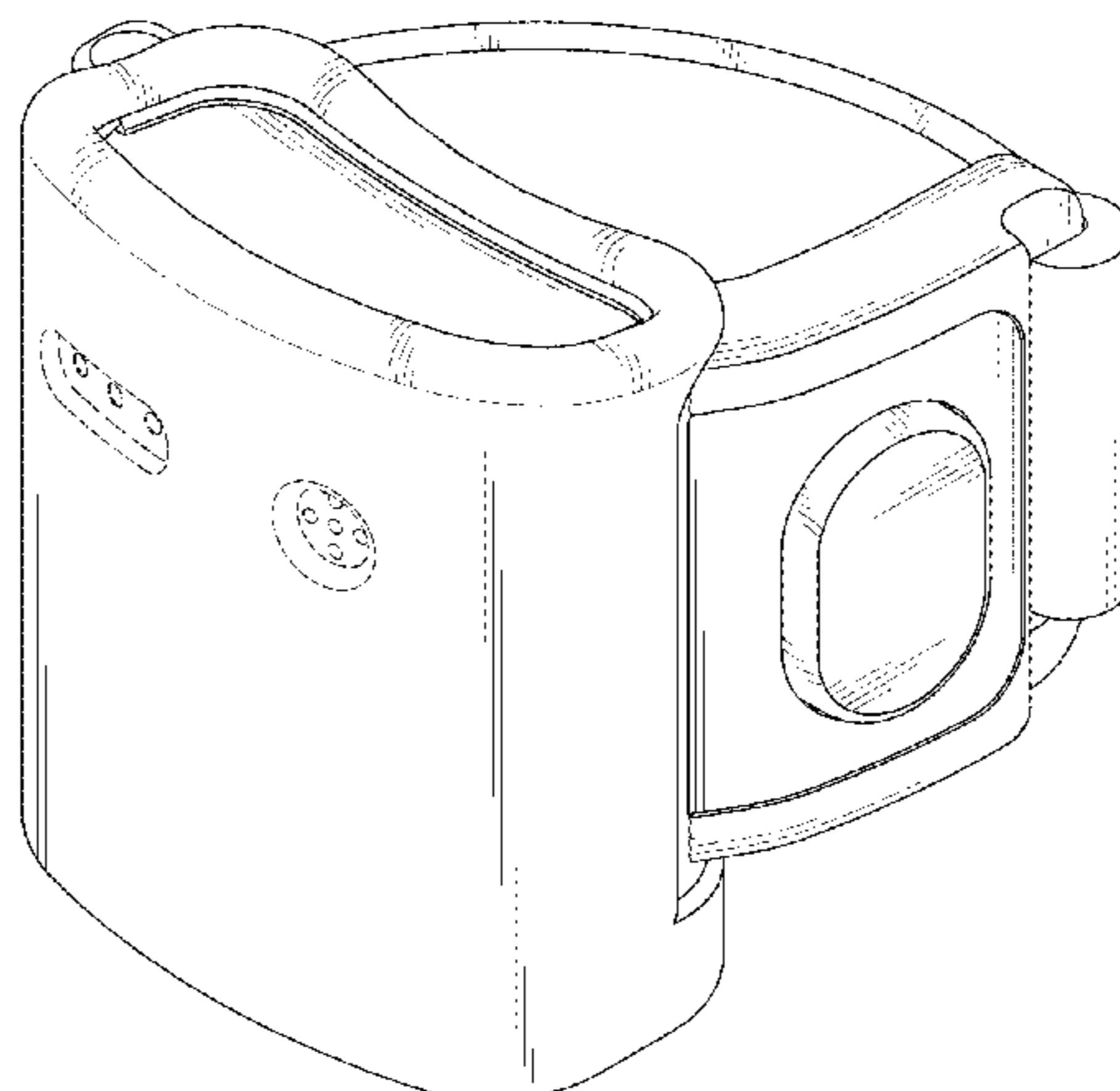
(57) **CLAIM**

The ornamental design for a ring reader, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a perspective view of a ring reader showing our new  
design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
Broken lines and unshaded portions contained within broken  
lines are not claimed.

**1 Claim, 7 Drawing Sheets**



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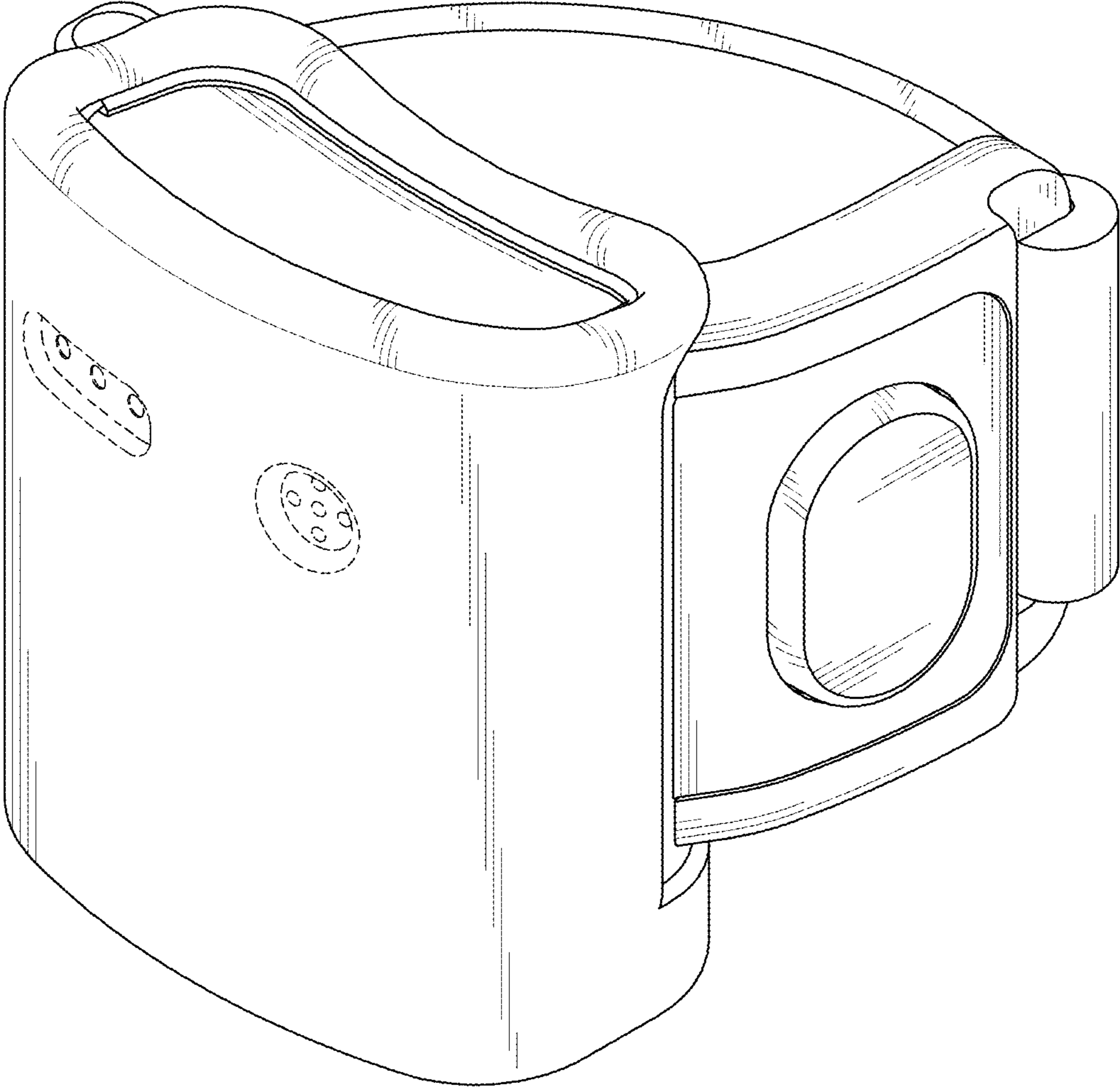


FIG. 1

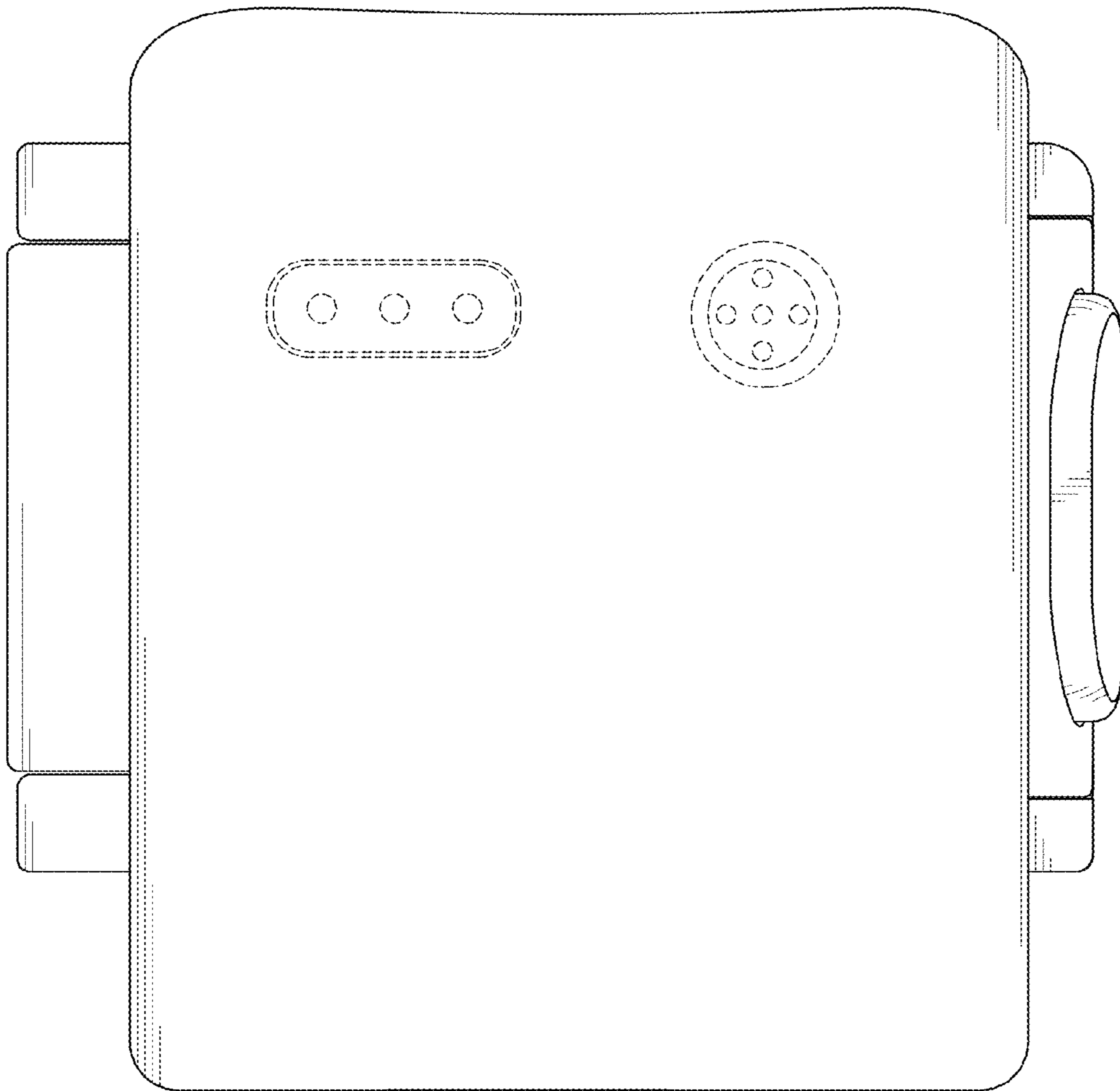


FIG. 2

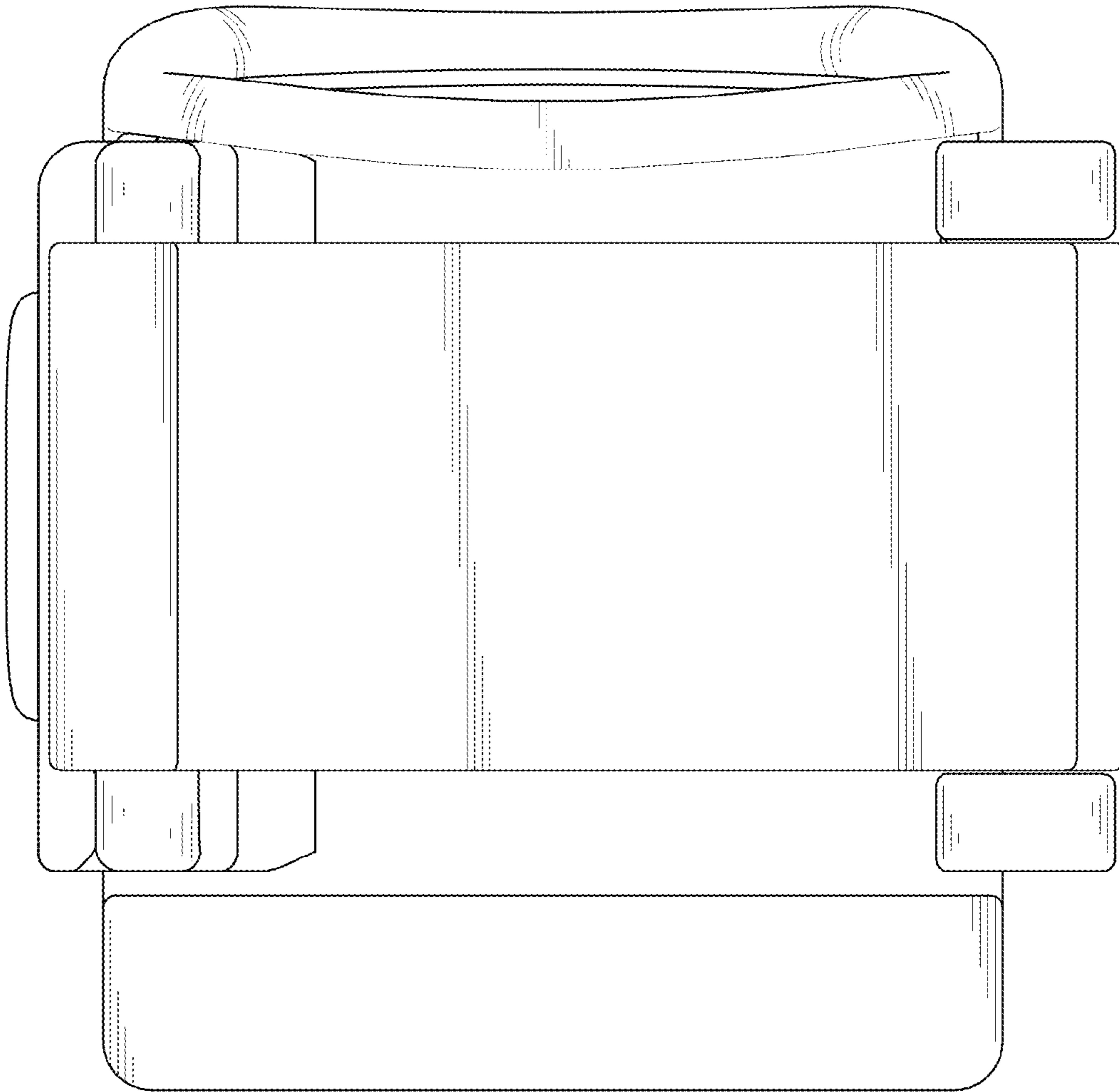


FIG. 3

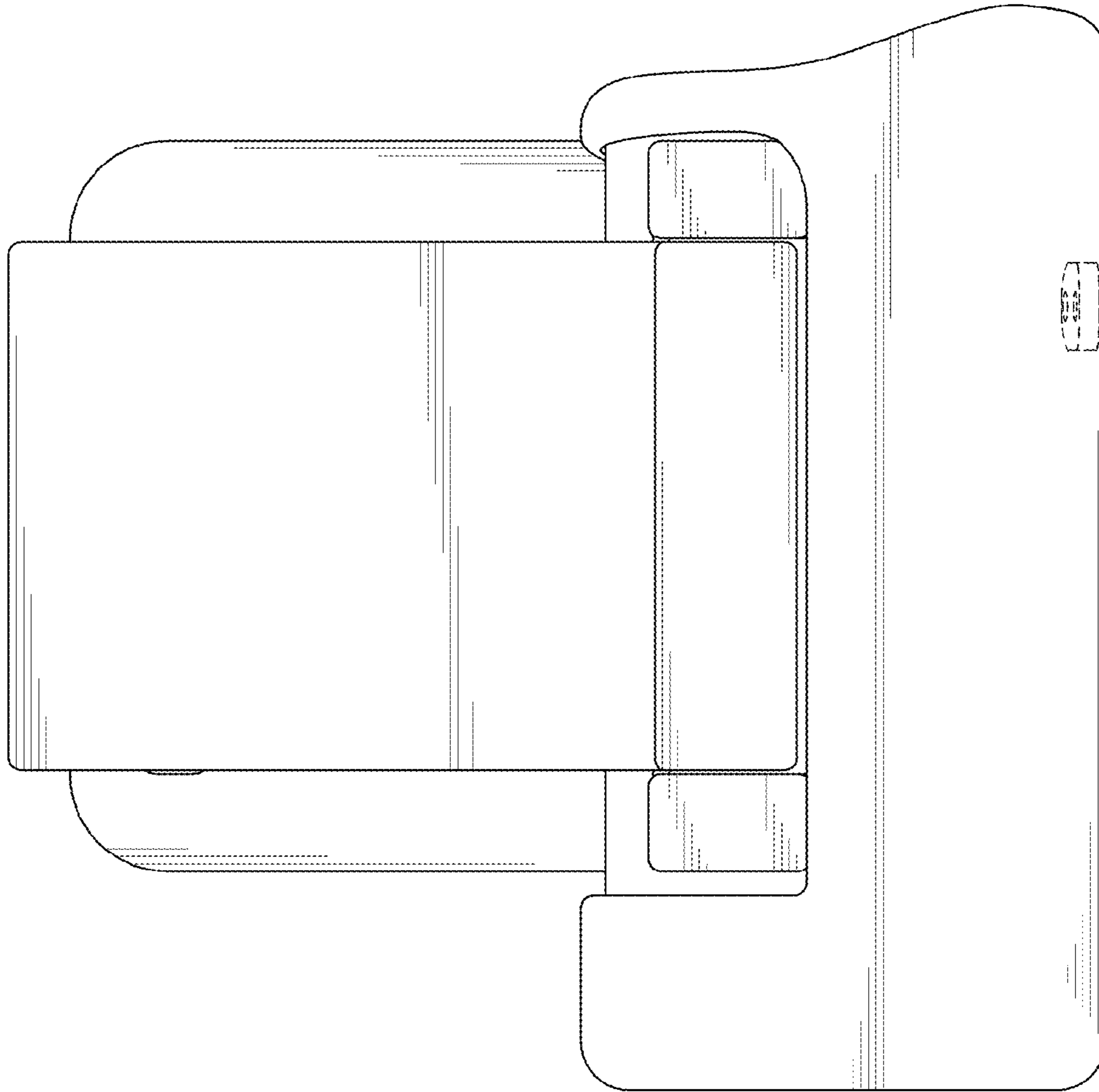


FIG. 4

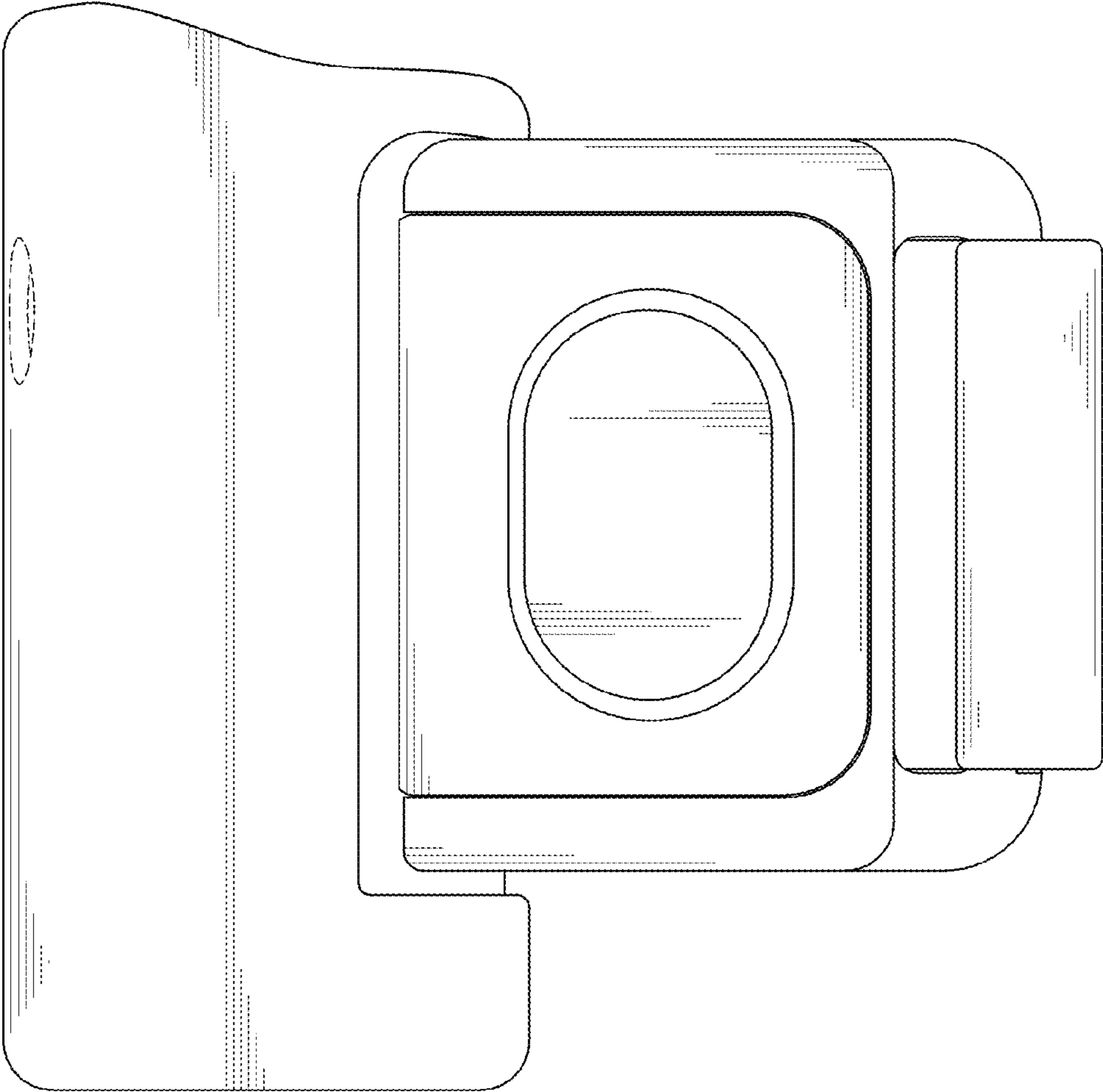


FIG. 5

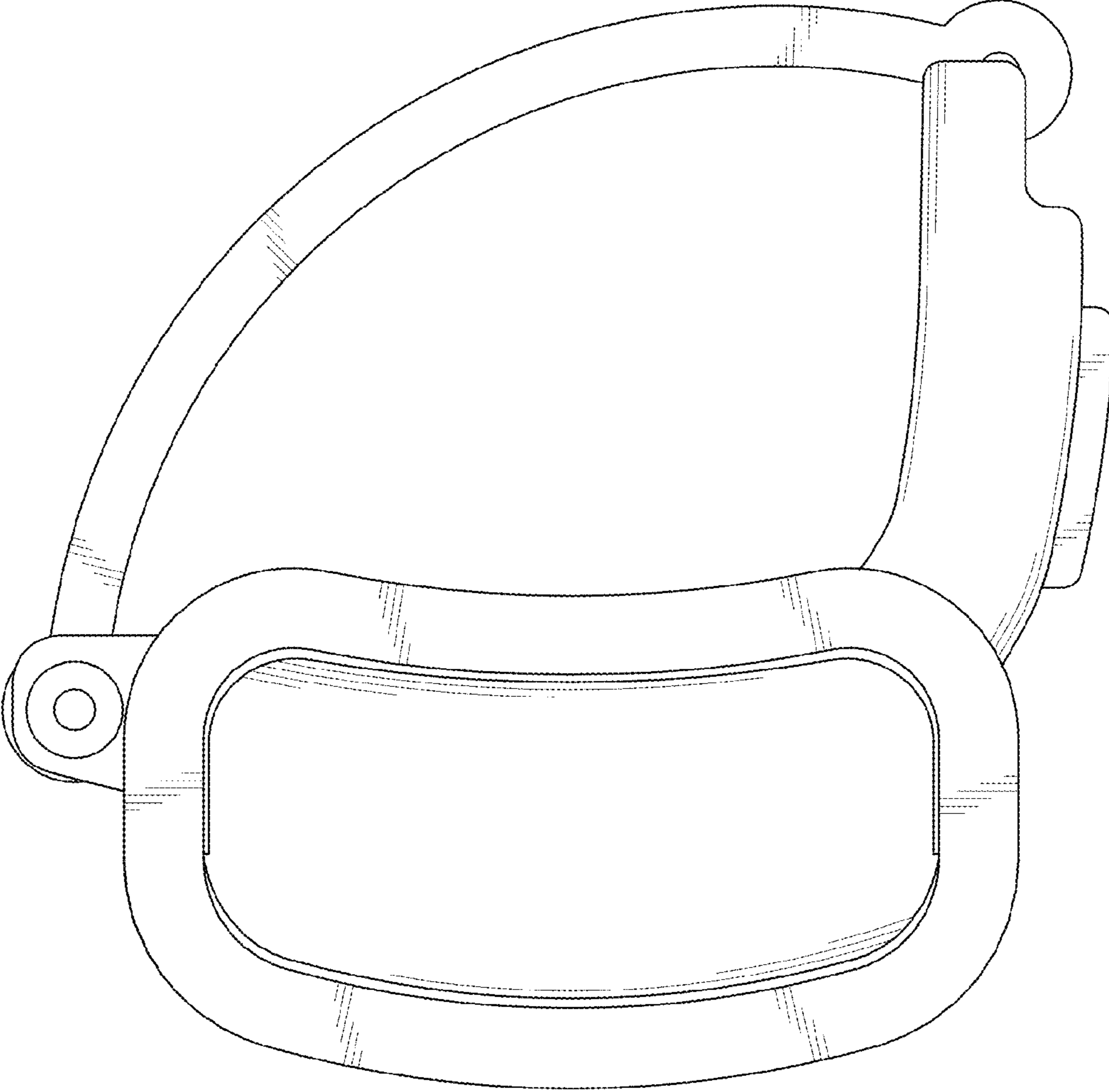


FIG. 6



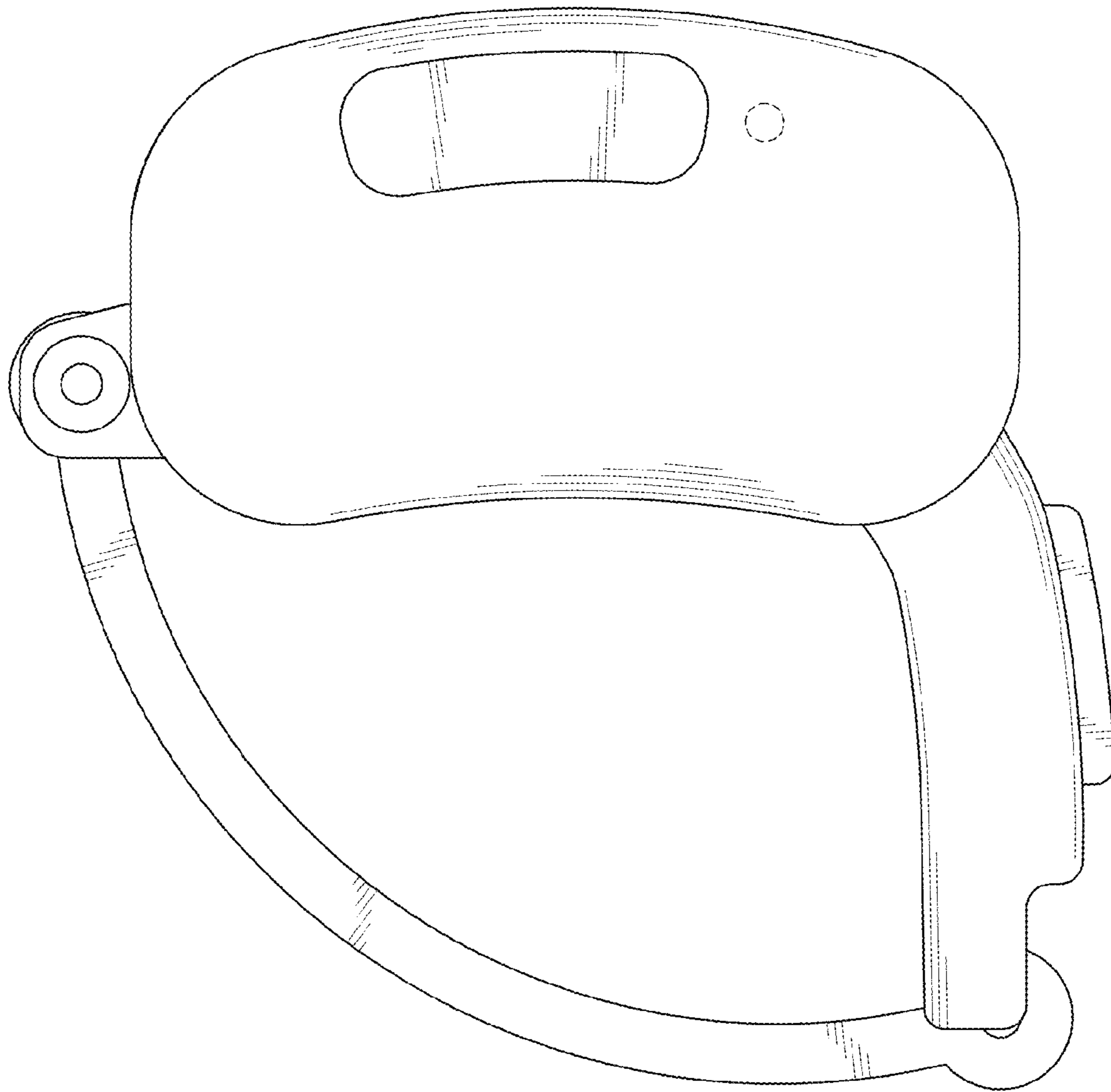


FIG. 7