

US00D660427S

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

(10) **Patent No.:** **US D660,427 S**
(45) **Date of Patent:** **** May 22, 2012**

(54) **CONTROLLER FOR ENDOSCOPE**

(75) Inventor: **Kunihiko Tanaka**, Tokyo (JP)

(73) Assignee: **Fujinon Corporation**, Saitama-shi (JP)

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

(21) Appl. No.: **29/398,807**

(22) Filed: **Aug. 4, 2011**

Related U.S. Application Data

(62) Division of application No. 29/368,948, filed on Aug. 31, 2010, now Pat. No. Des. 643,922, which is a division of application No. 29/341,367, filed on Aug. 4, 2009, now Pat. No. Des. 624,650, which is a division of application No. 29/309,024, filed on Jun. 12, 2008, now Pat. No. Des. 600,345.

Foreign Application Priority Data

(30) Dec. 14, 2007 (JP) 2007-034316
Dec. 14, 2007 (JP) 2007-034317
Dec. 14, 2007 (JP) 2007-034318
Dec. 14, 2007 (JP) 2007-034319
Dec. 14, 2007 (JP) 2007-034320
Dec. 14, 2007 (JP) 2007-034321

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/138**

(58) **Field of Classification Search** D24/107,
D24/138, 144, 170, 186; D10/46, 78, 81,
D10/103, 122, 124-125; D12/192; D14/348,
D14/356; D16/219, 235, 225, 230; D18/50;
348/71-72; 600/132, 144, 160, 170, 178

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D310,120 S * 8/1990 Wickham et al. D24/186
D353,390 S 12/1994 Zavracky et al.
D354,076 S 1/1995 Fukuda et al.
D373,379 S 9/1996 Sugimoto
D393,278 S 4/1998 Lee
D402,680 S 12/1998 Gotham et al.
D420,986 S 2/2000 Kelley et al.
D427,596 S 7/2000 Tsai
D434,794 S 12/2000 Bokelman et al.
D456,443 S 4/2002 Igarashi

(Continued)

FOREIGN PATENT DOCUMENTS

CN 200830129231 8/2009

(Continued)

OTHER PUBLICATIONS

U.S. Office Action dated Feb. 4, 2011 for U.S. Appl. No. 29/368,948.

(Continued)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57)

CLAIM

The ornamental design for a controller for endoscope, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and side perspective view of a controller for endoscope showing my new design;

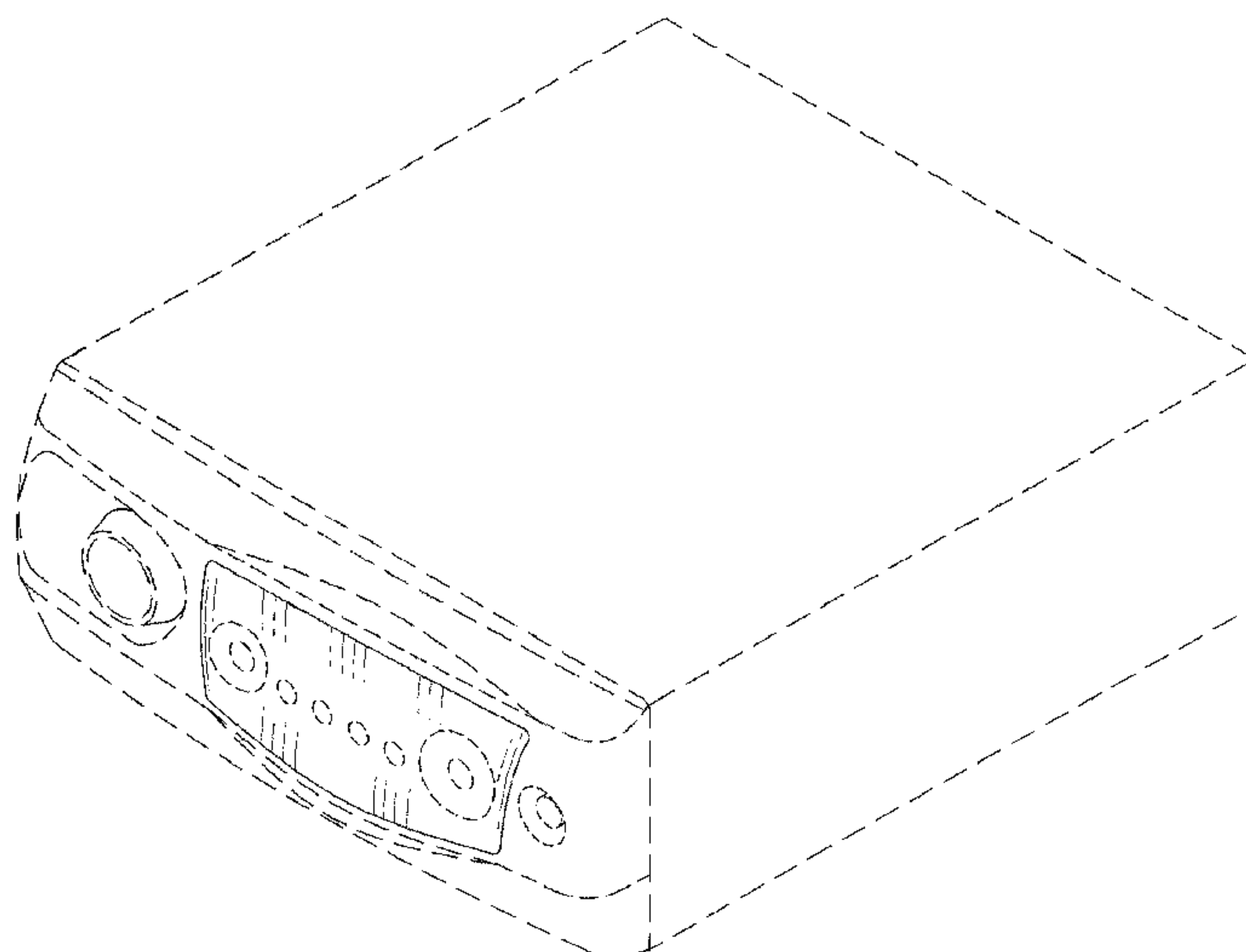
FIG. 2 is a front elevational view thereof;

FIG. 3 is a top plan view thereof; and,

FIG. 4 is a right side elevational view thereof.

The broken lines immediately adjacent to the shaded areas represent the bounds of the claimed design while all other broken lines represent portions of the controller for endoscope form no part of the claimed design. None of the broken lines form part of the claimed design.

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

D457,886	S	5/2002	Sekine	
D462,963	S	9/2002	Yamano	
D467,583	S	12/2002	Chen et al.	
D477,408	S	7/2003	Bromley	
D524,361	S	7/2006	Niimi et al.	
D532,904	S	11/2006	Hayamizu	
D534,275	S	12/2006	Hayamizu	
D535,745	S	1/2007	Hayamizu	
D546,383	S	7/2007	Wang	
D548,776	S	8/2007	Egami et al.	
D550,357	S	9/2007	Hayamizu	
D552,169	S	10/2007	Egami et al.	
D552,241	S	10/2007	Bromley et al.	
D565,631	S	4/2008	Morishita	
D578,568	S	10/2008	Chiba et al.	
D598,098	S	8/2009	Tanaka	
D598,100	S	8/2009	Tanaka	
D600,345	S	9/2009	Tanaka	
D609,740	S	* 2/2010	Penke	D18/50

D624,650	S	*	9/2010	Tanaka	D24/138
2005/0267333	A1		12/2005	Hino	
2006/0052663	A1		3/2006	Koitabashi	
2008/0242936	A1		10/2008	Hino	

FOREIGN PATENT DOCUMENTS

CN	200830127918	9/2009
KR	3020080023425	9/2009
KR	3020080023426	9/2009

OTHER PUBLICATIONS

U.S. Office Action dated Mar. 20, 2009 for U.S. Appl. No. 29/309,024.
U.S. Office Action dated Dec. 30, 2009 for U.S. Appl. No. 29/341,367.
U.S. Office Action dated Mar. 22, 2010 for U.S. Appl. No. 29/341,367.

* cited by examiner

FIG. 1

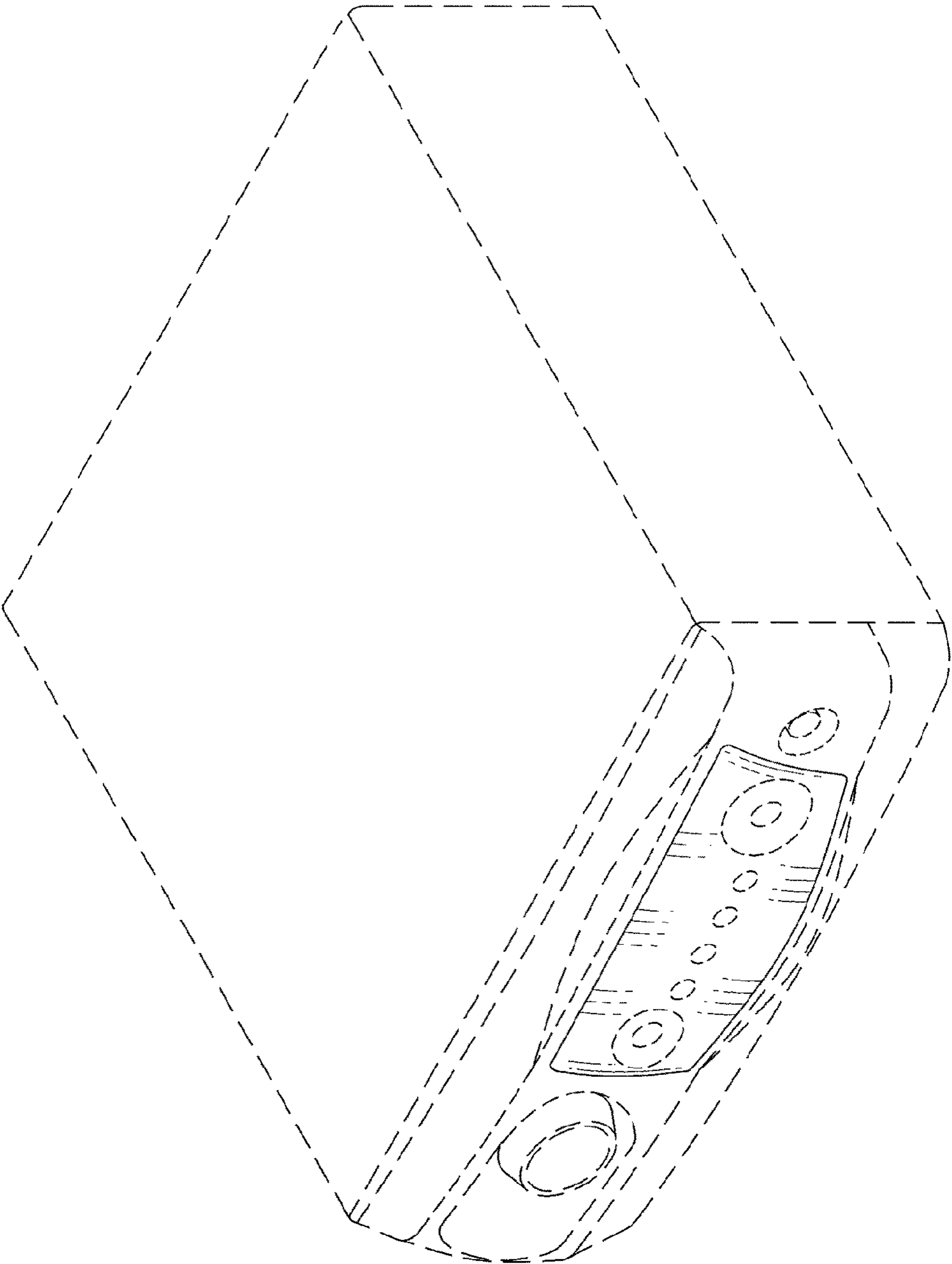


FIG. 2

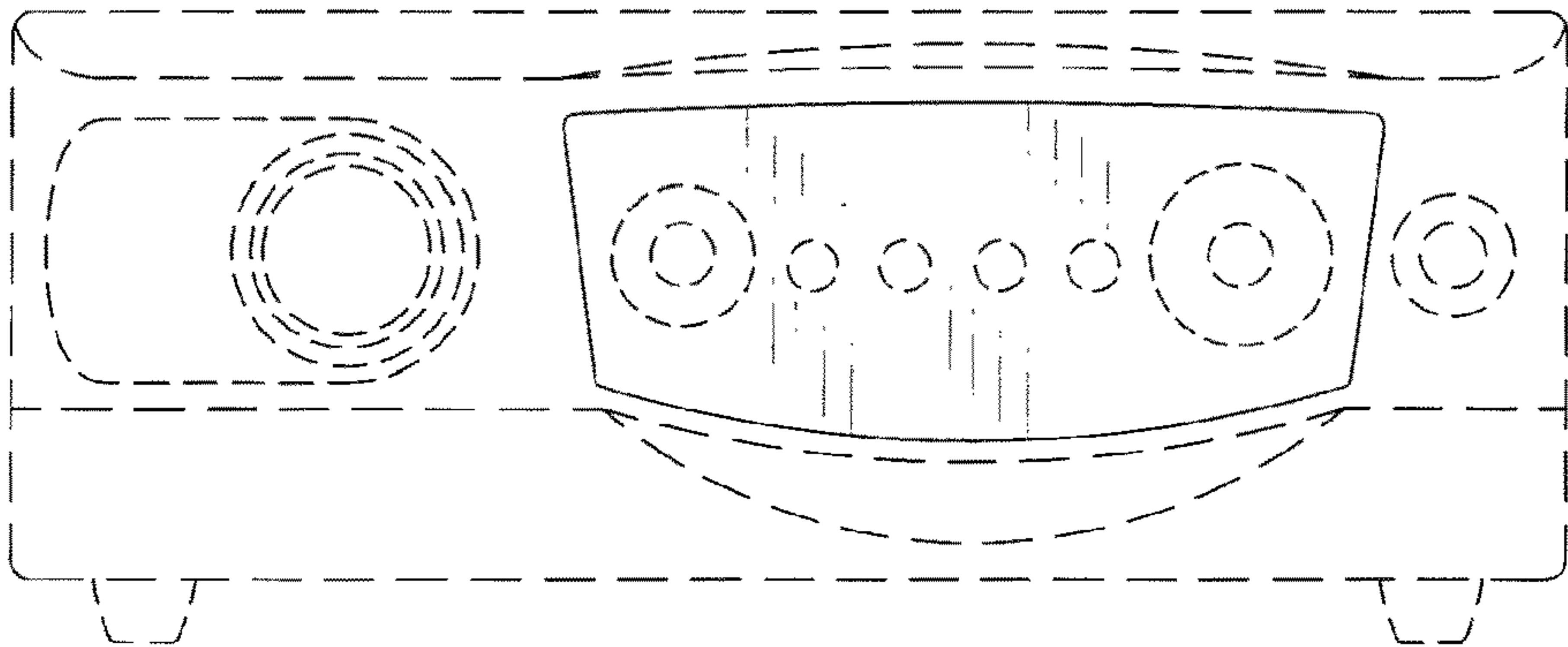


FIG. 3

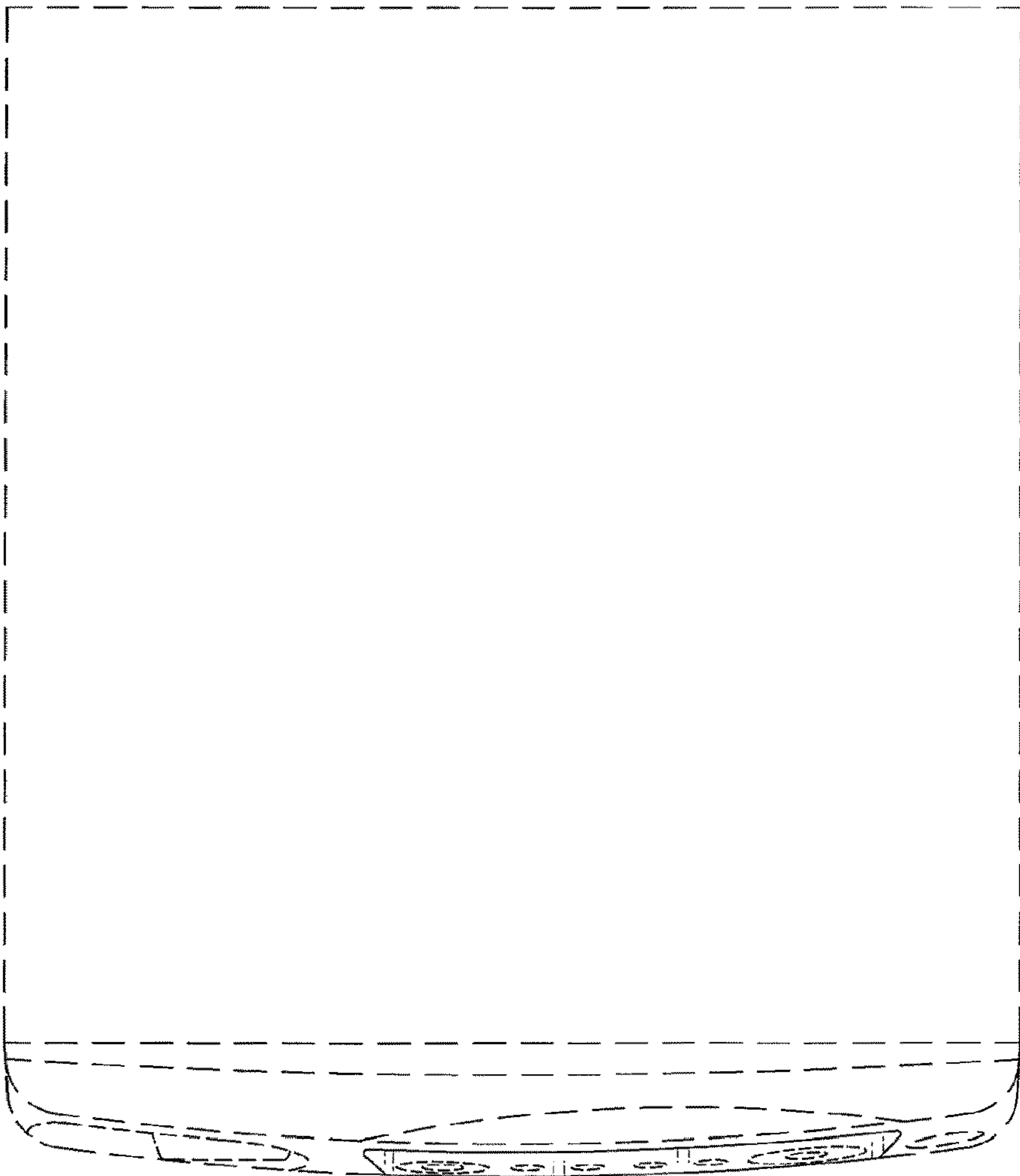


FIG. 4

