



US00D824456S

(12) **United States Design Patent**  
**Ishii et al.**

(10) **Patent No.:** **US D824,456 S**

(45) **Date of Patent:** **\*\* Jul. 31, 2018**

(54) **NON-CONTACT TYPE DATA CARRIER**

(71) Applicant: **Sony Corporation**, Tokyo (JP)

(72) Inventors: **Osamu Ishii**, Kanagawa (JP); **Sachio Saito**, Miyagi (JP)

(73) Assignee: **SONY CORPORATION**, Tokyo (JP)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/550,737**

(22) Filed: **Jan. 6, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/371,993, filed on Apr. 10, 2012, now abandoned.

(30) **Foreign Application Priority Data**

Oct. 11, 2011 (JP) ..... D2011-023279

Oct. 11, 2011 (JP) ..... D2011-023280

(Continued)

(51) **LOC (11) Cl.** ..... **19-08**

(52) **U.S. Cl.**  
USPC ..... **D19/9**

(58) **Field of Classification Search**  
USPC ..... D19/1-12, 20-34, 100;  
40/124.01-124.15, 672, 661, 726, 617,

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D523,471 S 6/2006 Allard et al.

D525,293 S 7/2006 Omura et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP D0785671 S 1/1990

JP D1046487 S 5/1999

(Continued)

*Primary Examiner* — Abraham Bahta

(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

(57) **CLAIM**

The ornamental design for a non-contact type data carrier, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a non-contact type data carrier showing our new design; and FIG. 2 is a front elevational view thereof.

FIG. 3 is a perspective view of a second embodiment of a non-contact type data carrier showing our new design; and FIG. 4 is a front elevational view thereof.

FIG. 5 is a perspective view of a third embodiment of a non-contact type data carrier showing our new design; and FIG. 6 is a front elevational view thereof.

FIG. 7 is a perspective view of a fourth embodiment of a non-contact type data carrier showing our new design; and FIG. 8 is a front elevational view thereof.

FIG. 9 is a perspective view of a fifth embodiment of a non-contact type data carrier showing our new design; and FIG. 10 is a front elevational view thereof.

FIG. 11 is a perspective view of a sixth embodiment of a non-contact type data carrier showing our new design; and FIG. 12 is a front elevational view thereof.

FIG. 13 is a perspective view of a seventh embodiment of a non-contact type data carrier showing our new design; and FIG. 14 is a front elevational view thereof.

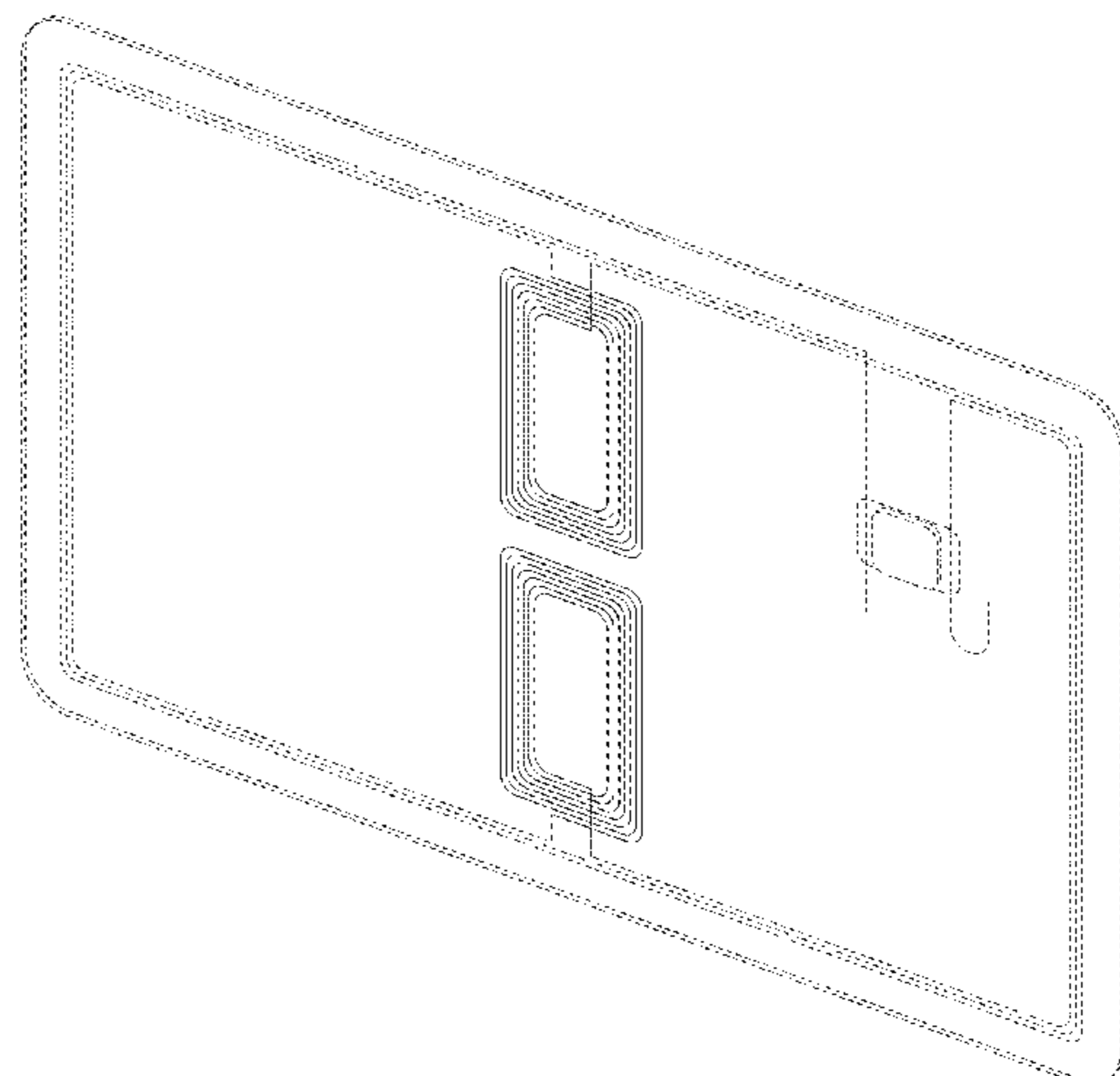
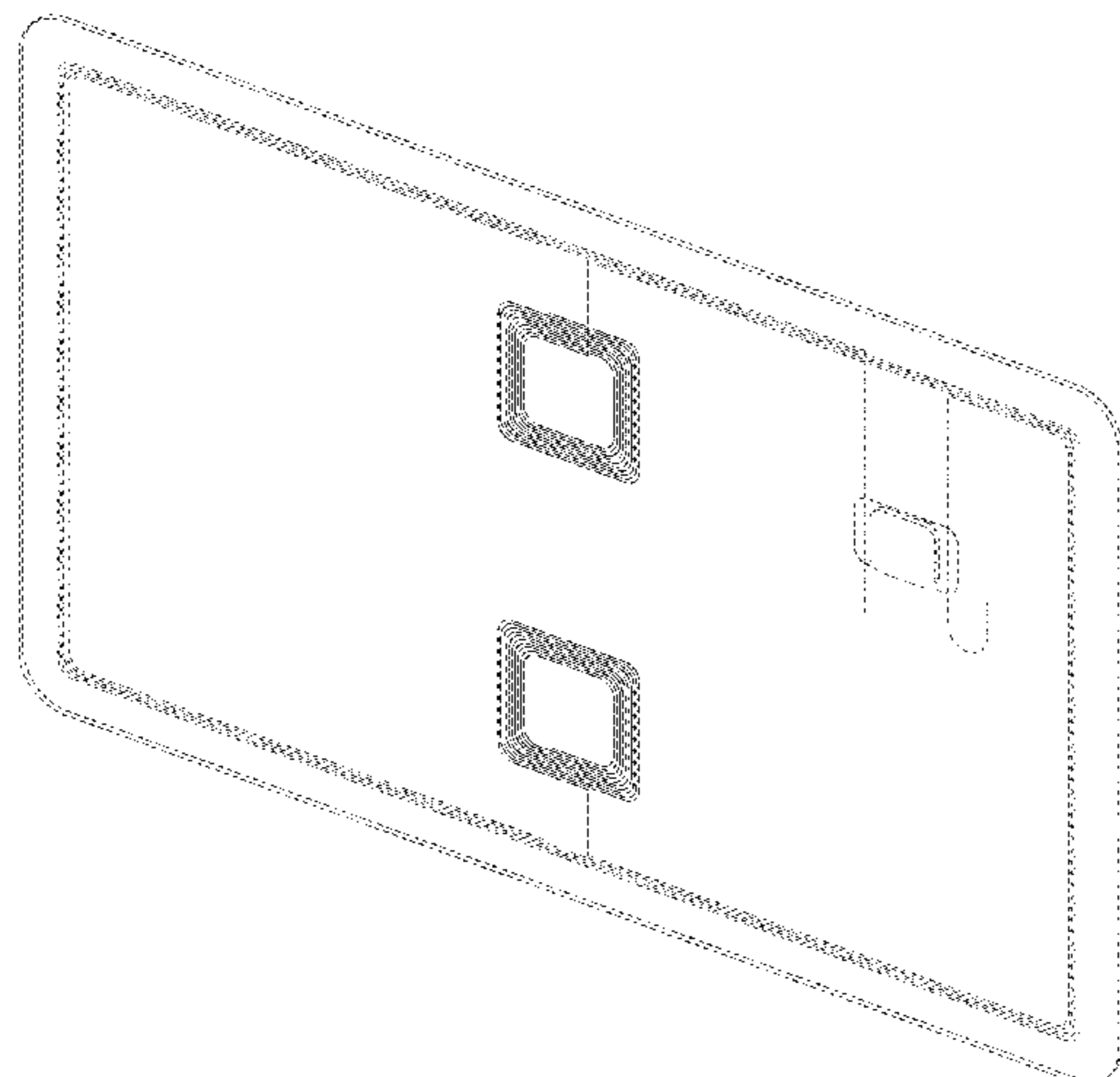
FIG. 15 is a perspective view of an eighth embodiment of a non-contact type data carrier showing our new design; and FIG. 16 is a front elevational view thereof.

FIG. 17 is a right side elevational view of the first through eighth embodiments, a left side elevational view thereof being a mirror image; and,

FIG. 18 is a top plan view thereof, a bottom plan view thereof being a mirror image.

The broken lines showing of parts of the non-contact type data carrier form no part of the claimed design.

**1 Claim, 17 Drawing Sheets**



(30) Foreign Application Priority Data

Oct. 11, 2011 (JP) ..... D2011-023281  
 Oct. 11, 2011 (JP) ..... D2011-023282  
 Oct. 11, 2011 (JP) ..... D2011-023283  
 Oct. 11, 2011 (JP) ..... D2011-023284  
 Oct. 11, 2011 (JP) ..... D2011-023285  
 Oct. 11, 2011 (JP) ..... D2011-023286  
 Oct. 11, 2011 (JP) ..... D2011-023287  
 Oct. 11, 2011 (JP) ..... D2011-023288  
 Oct. 11, 2011 (JP) ..... D2011-023289  
 Oct. 11, 2011 (JP) ..... D2011-023290  
 Oct. 11, 2011 (JP) ..... D2011-023291  
 Oct. 11, 2011 (JP) ..... D2011-023292  
 Oct. 11, 2011 (JP) ..... D2011-023293  
 Oct. 11, 2011 (JP) ..... D2011-023294  
 Oct. 31, 2011 (CN) ..... 201130403836

2033/02; B42D 2033/04; B42D 2033/08;  
 B42D 2033/10; B42D 2033/16; B42D  
 2033/18; B42D 2033/20; B42D 2033/22;  
 B42D 2033/28; B42D 2033/30; H01Q  
 1/38

See application file for complete search history.

(58) Field of Classification Search

USPC ..... 40/776; 283/72, 74, 103, 105-106;  
 D6/407, 632; 235/380, 449, 484, 492,  
 235/493, 488; D20/10, 22, 17, 27, 40,  
 D20/11; D14/435-437, 478, 299, 358,  
 D14/230-238; 343/700 R, 701, 866, 795,  
 343/700 MS, 846; 455/90.2, 90.3, 91,  
 455/914  
 CPC .. B42D 15/022; B42D 15/042; B42D 15/027;  
 B42D 15/045; B42D 25/00; B42D 25/23;  
 B42D 25/26; B42D 25/29; B42D 25/30;  
 B42D 25/285; B42D 2033/00; B42D

(56)

References Cited

U.S. PATENT DOCUMENTS

D525,653 S 7/2006 Allard et al.  
 D525,654 S 7/2006 Allard et al.  
 D526,015 S 8/2006 Allard et al.  
 D527,421 S 8/2006 Allard et al.  
 D582,971 S 12/2008 Smith et al.  
 D594,447 S 6/2009 Kato  
 D602,522 S 10/2009 Field et al.  
 D613,276 S 4/2010 Oliver  
 D617,320 S 6/2010 Oliver  
 D620,928 S 8/2010 Oliver  
 7,839,335 B2 11/2010 Chen  
 8,421,702 B2 4/2013 Desclos et al.

FOREIGN PATENT DOCUMENTS

JP D1116037 S 5/2001  
 JP D1118772 S 6/2001  
 JP D1318274 S 11/2007  
 JP D1328129 S 3/2008  
 JP D1328130 S 3/2008  
 JP D1316263 S 11/2008  
 JP D1346038 S 11/2008

FIG.1

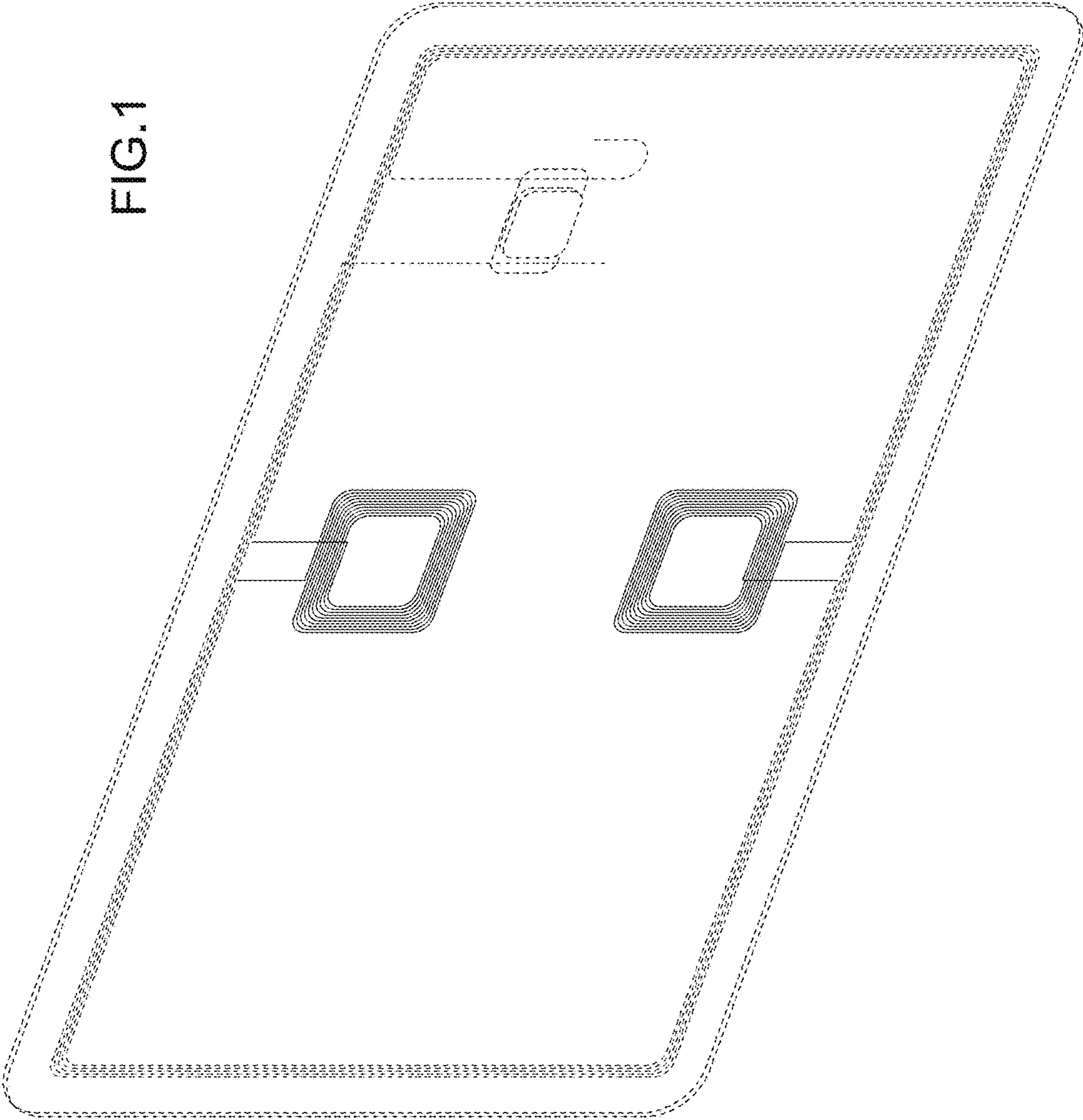


FIG.2

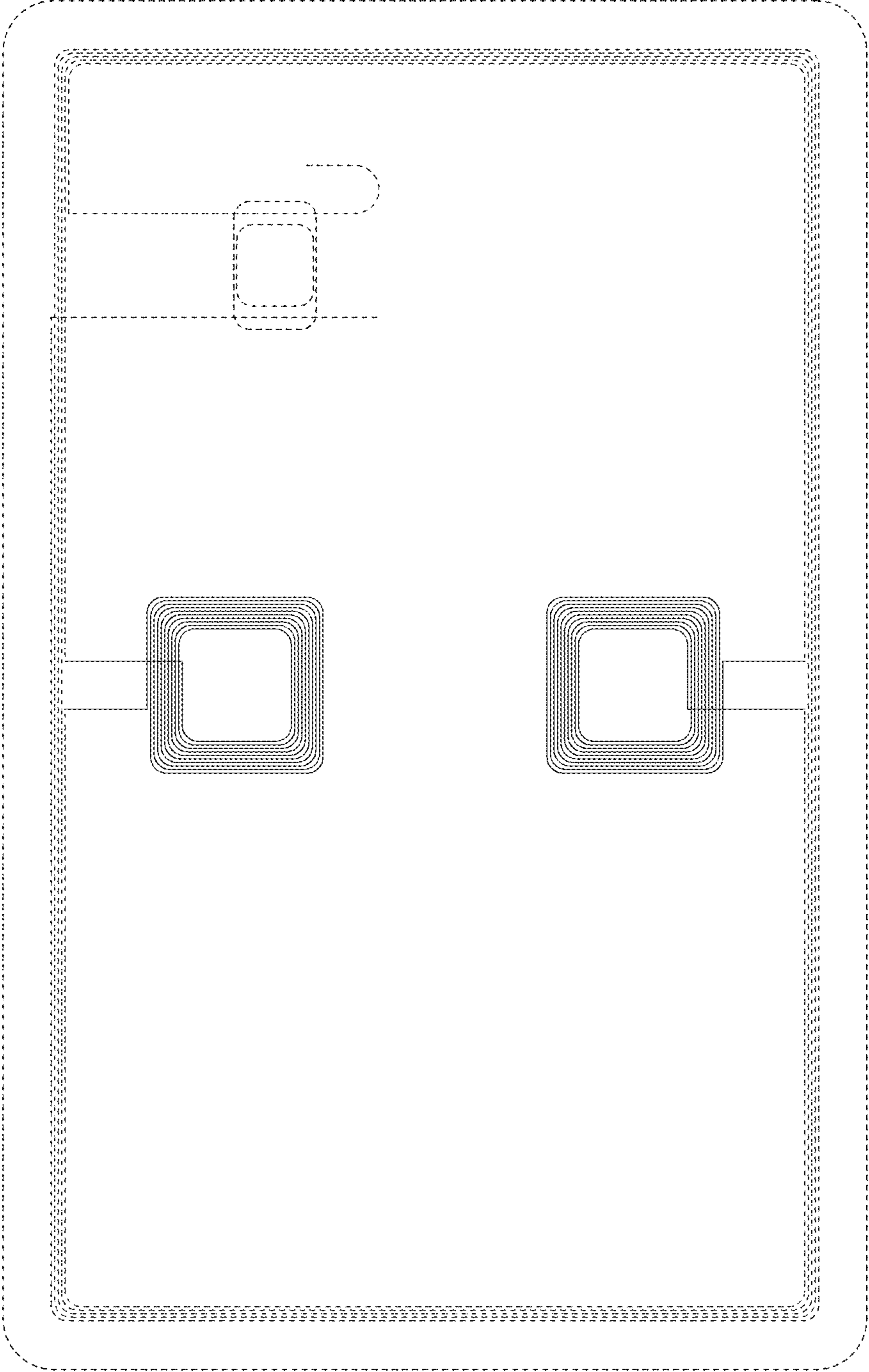


FIG.3

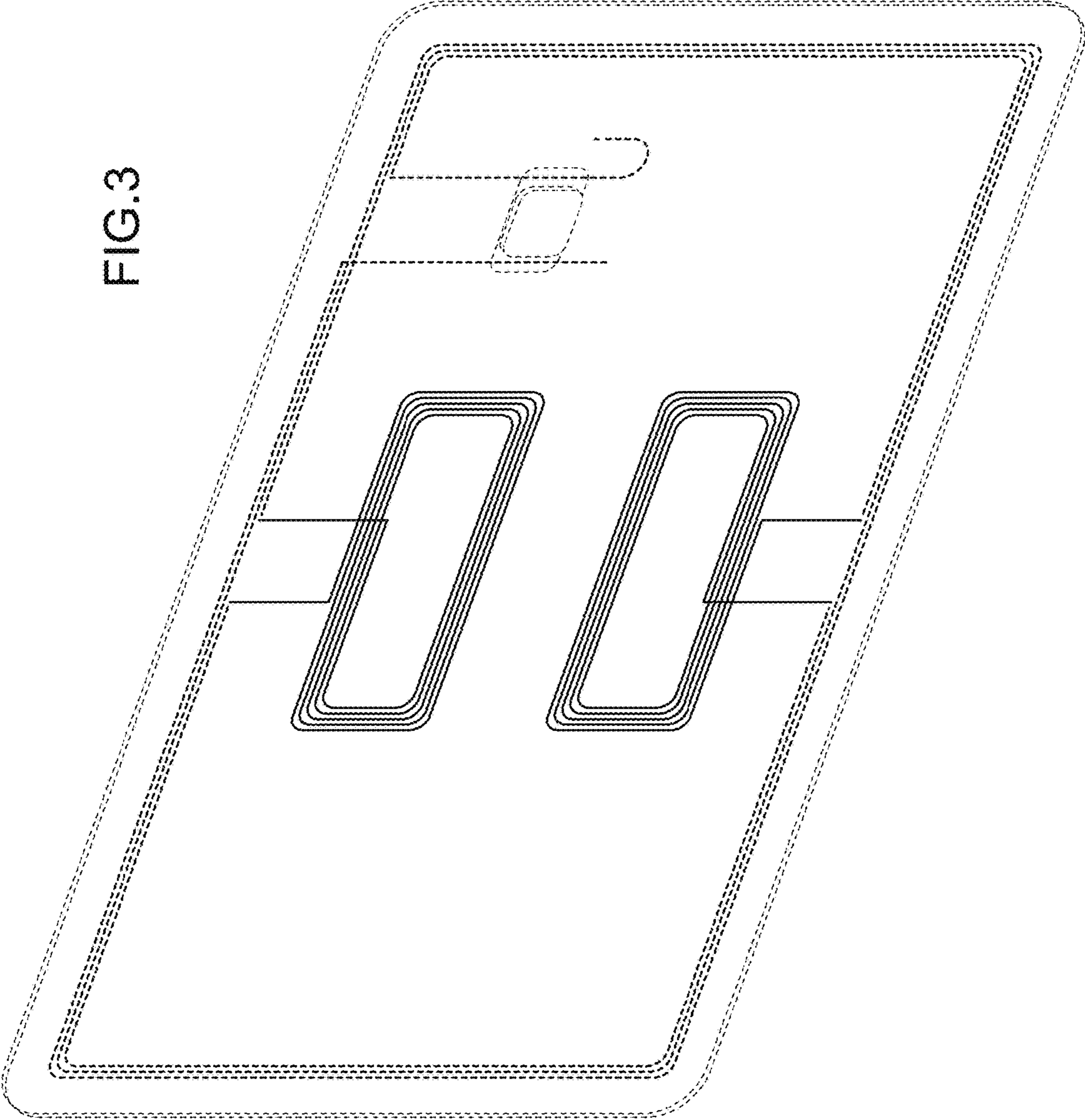


FIG.4

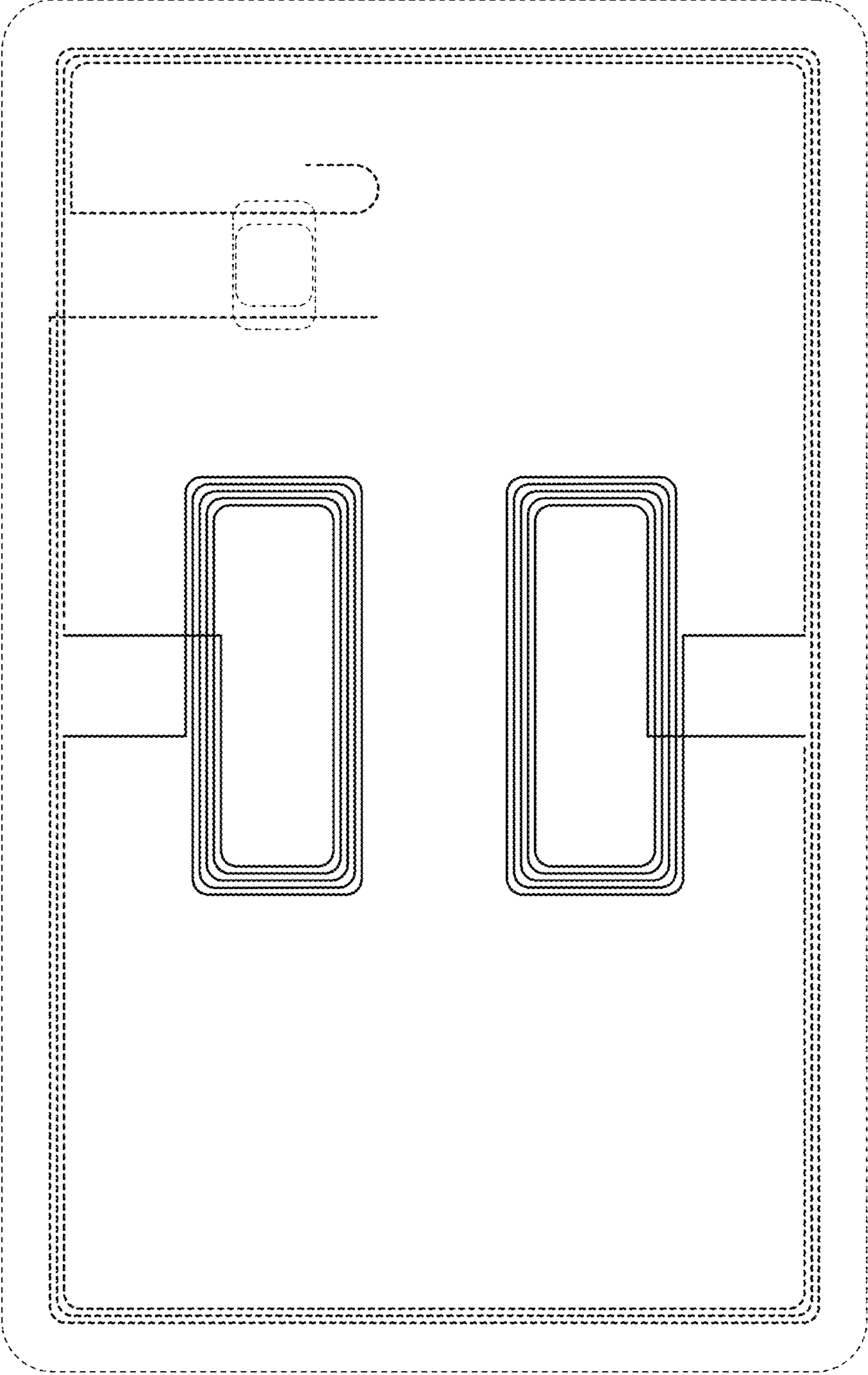


FIG.5

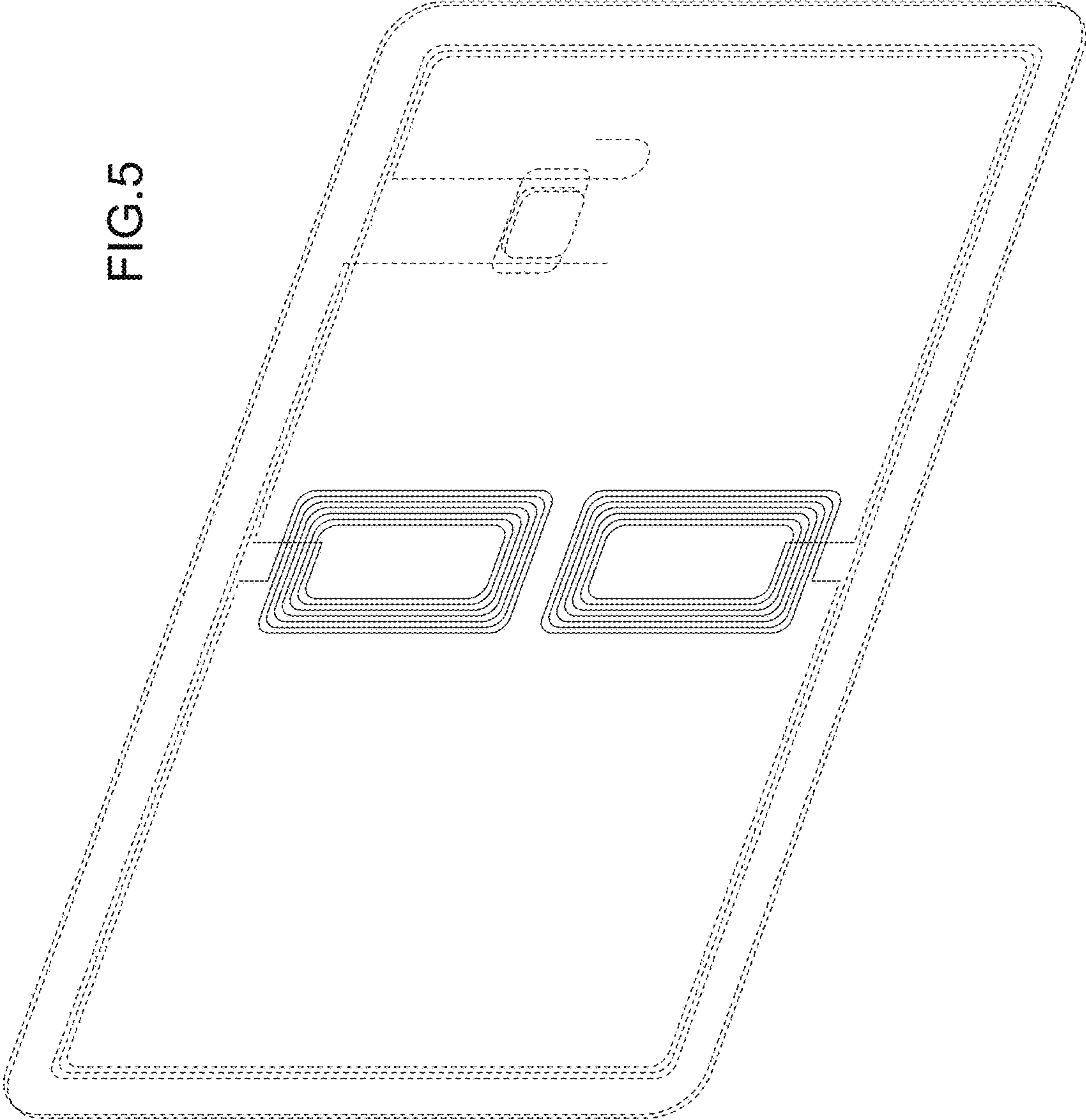


FIG.6

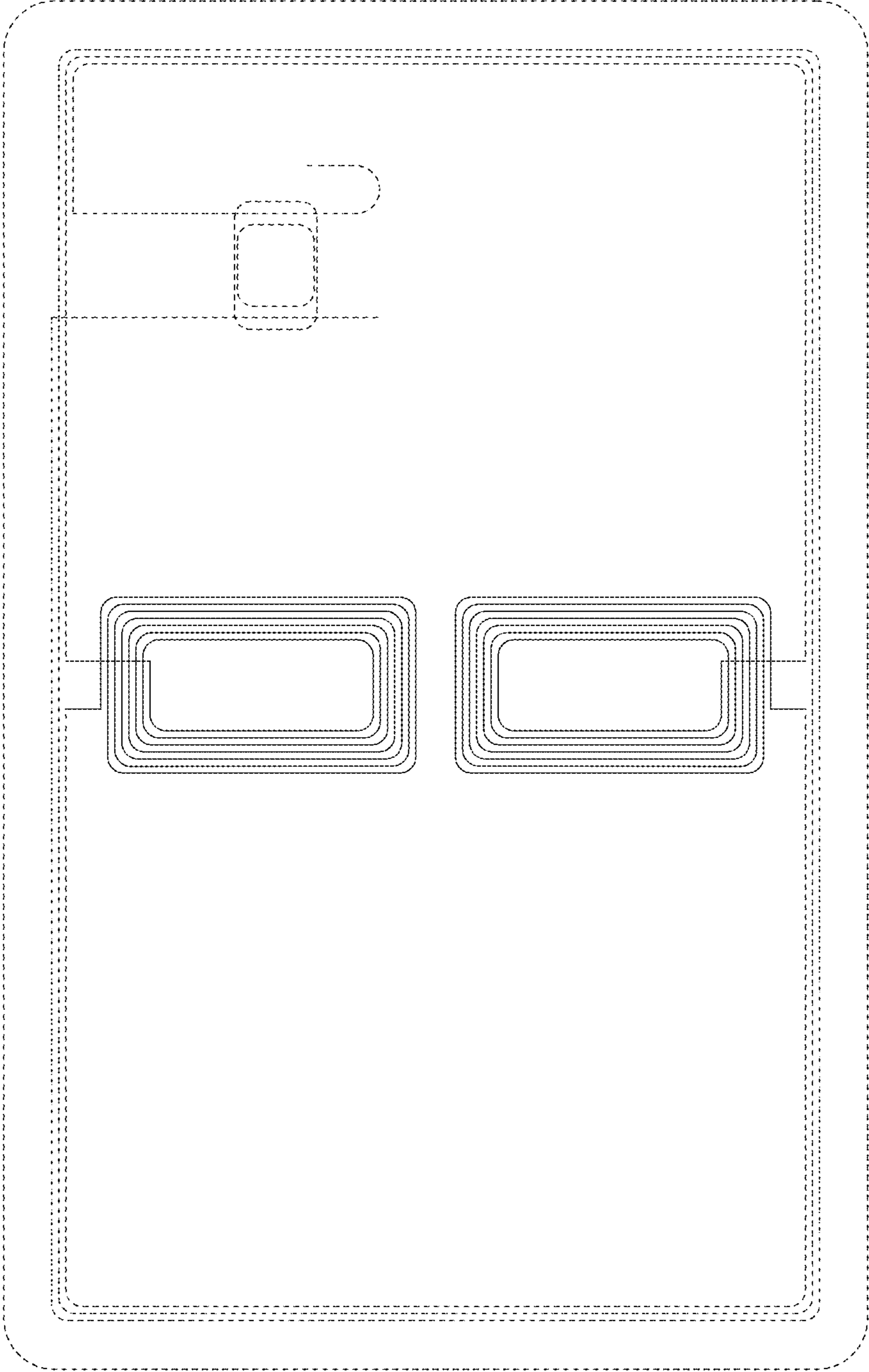




FIG. 7

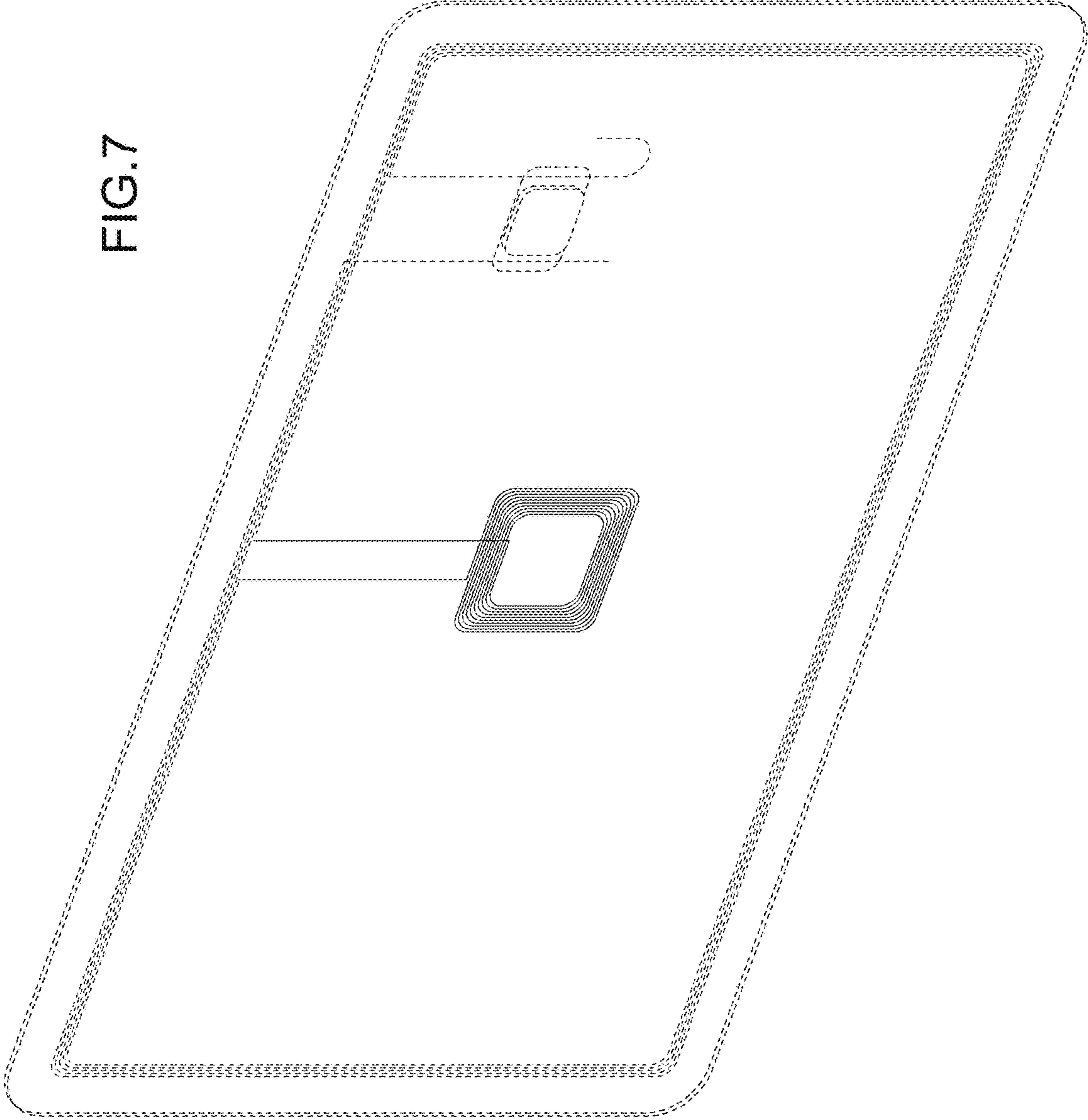
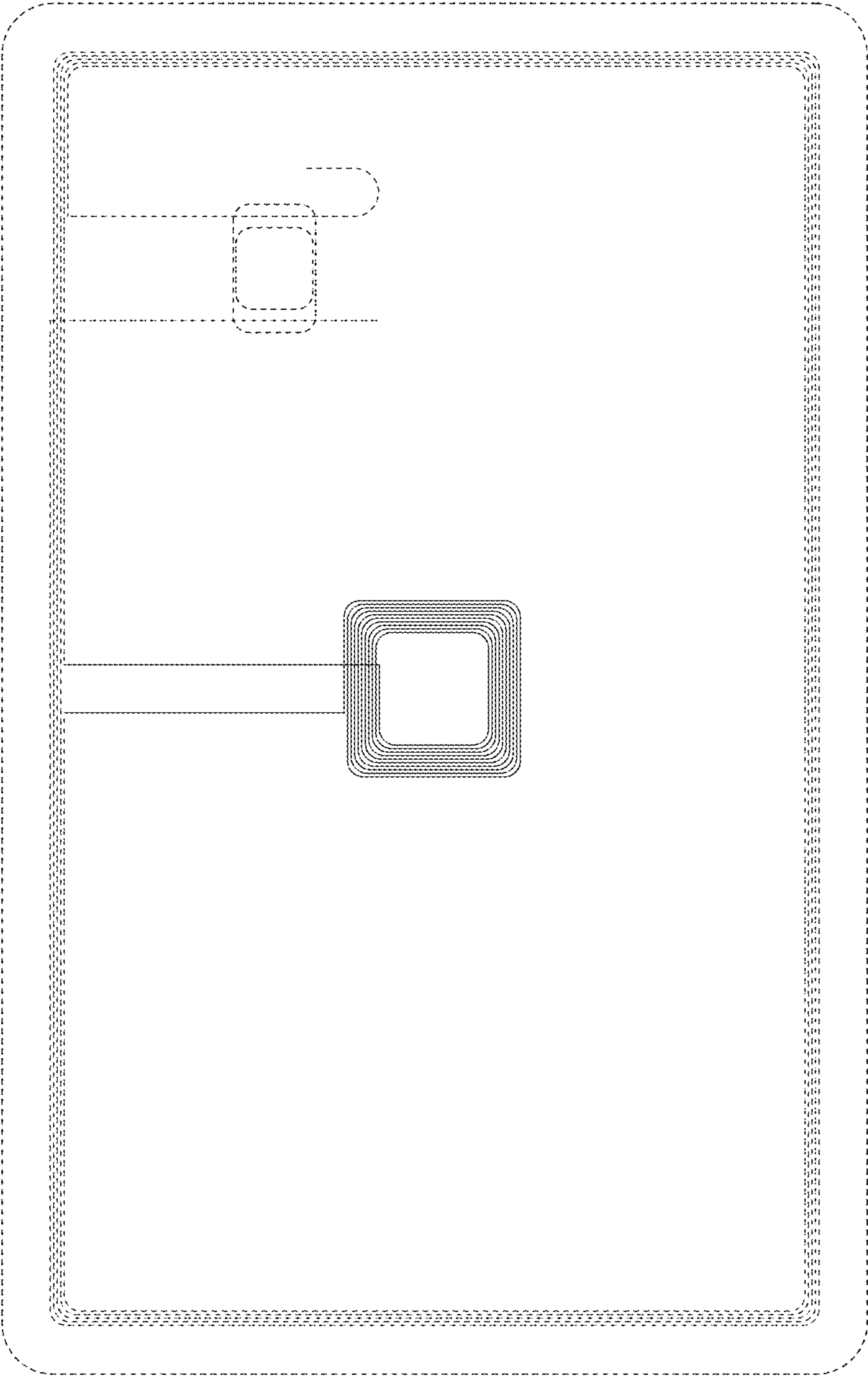


FIG. 8



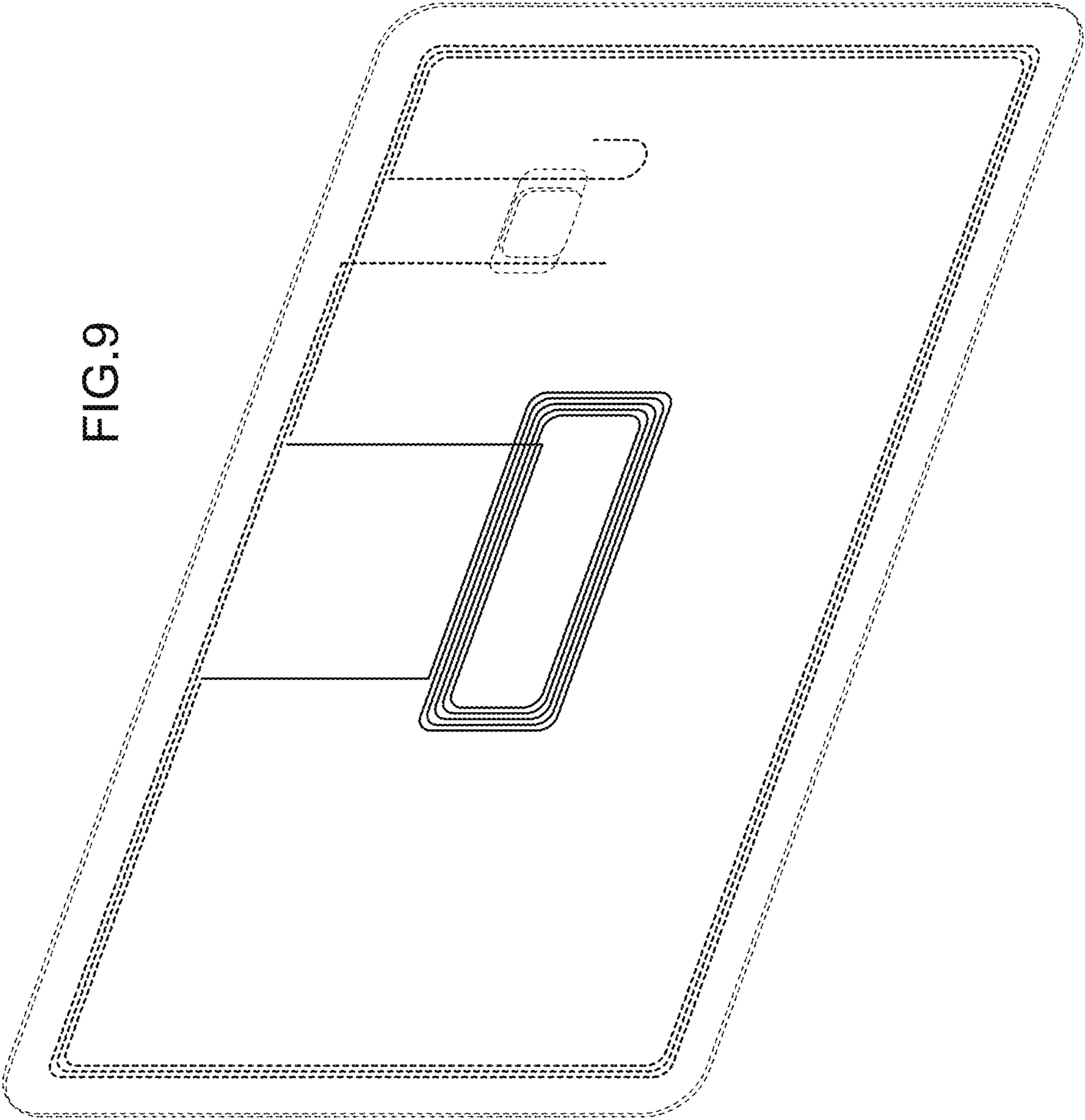


FIG. 9

FIG.10

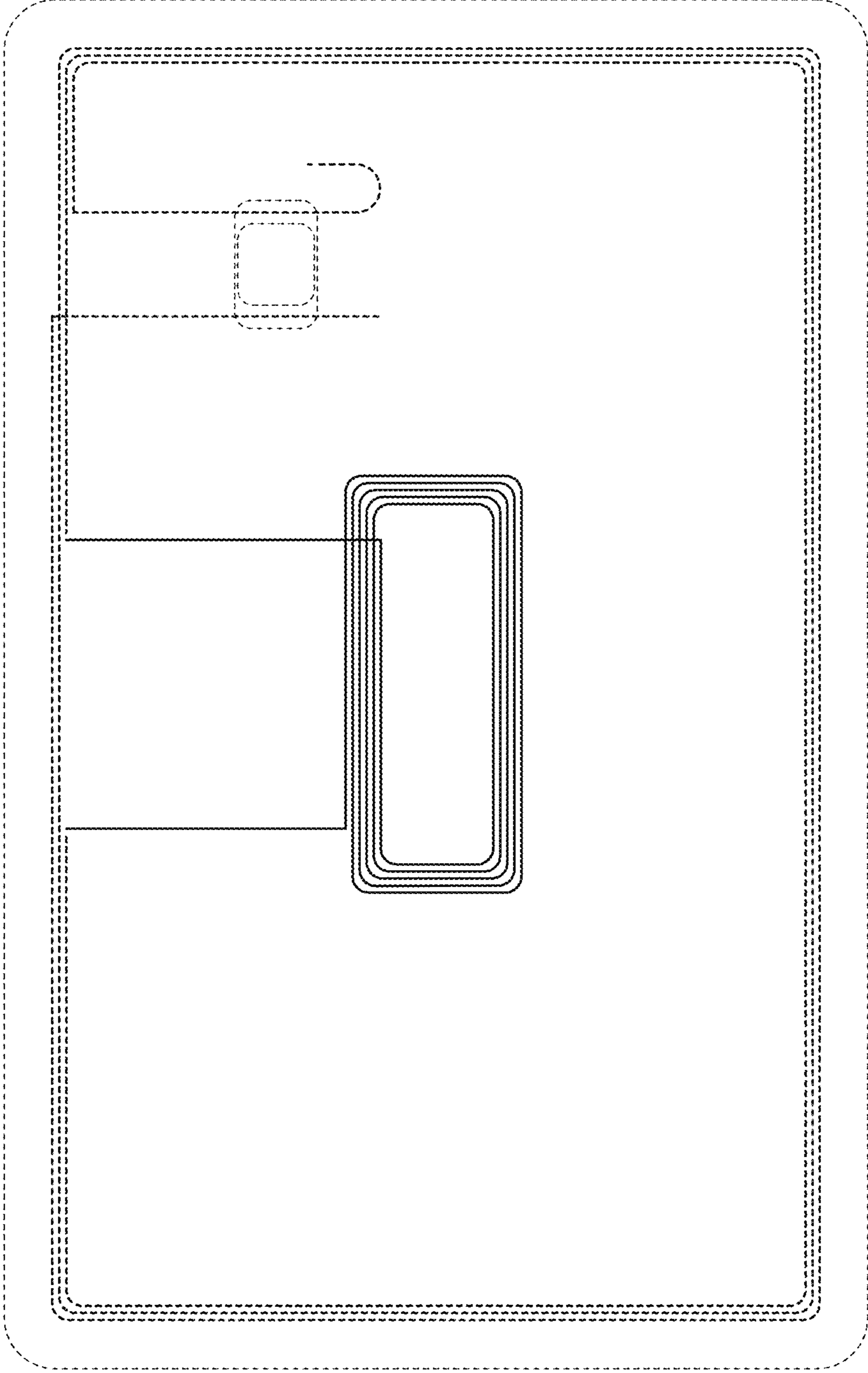


FIG.11

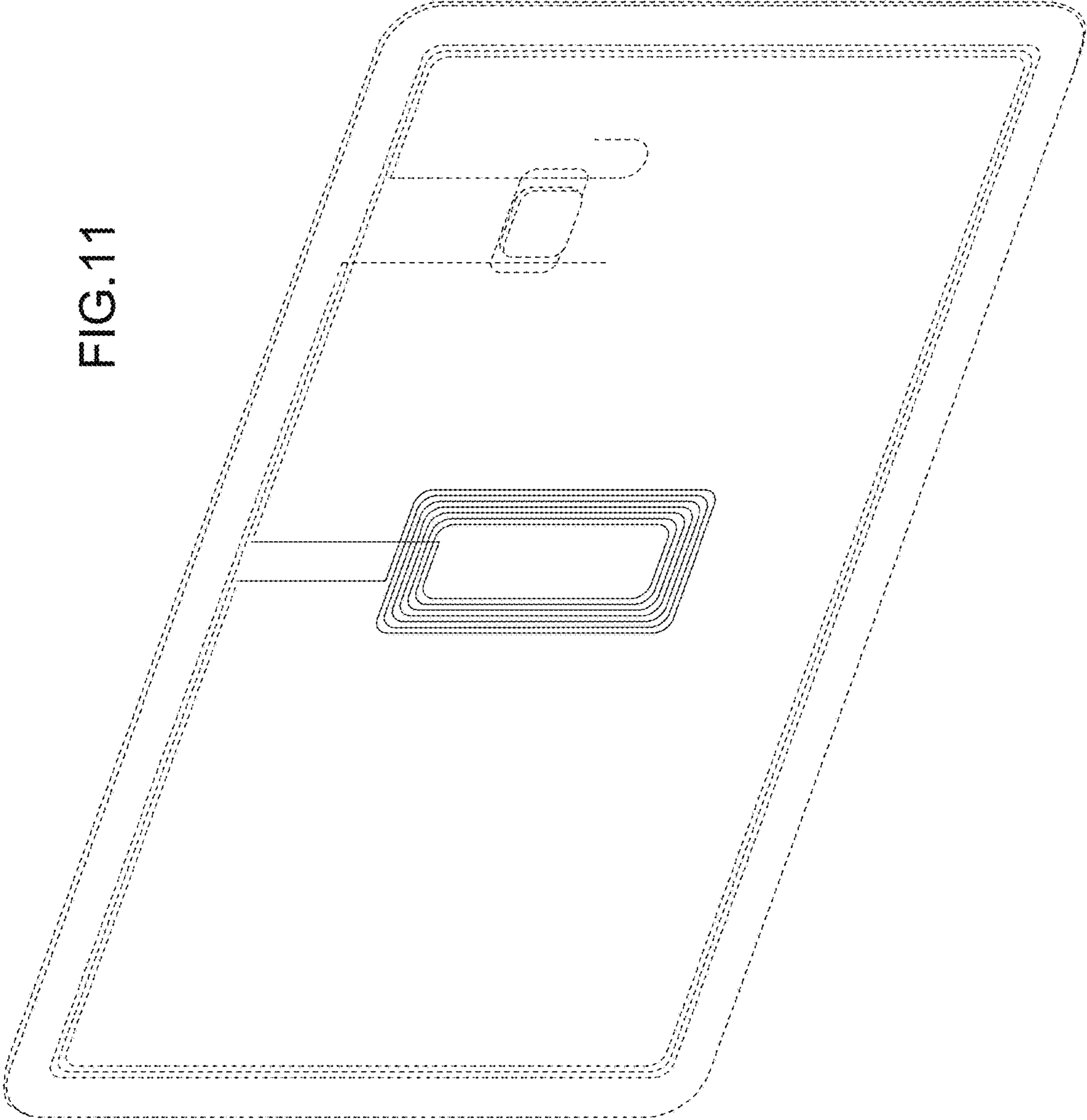


FIG.12

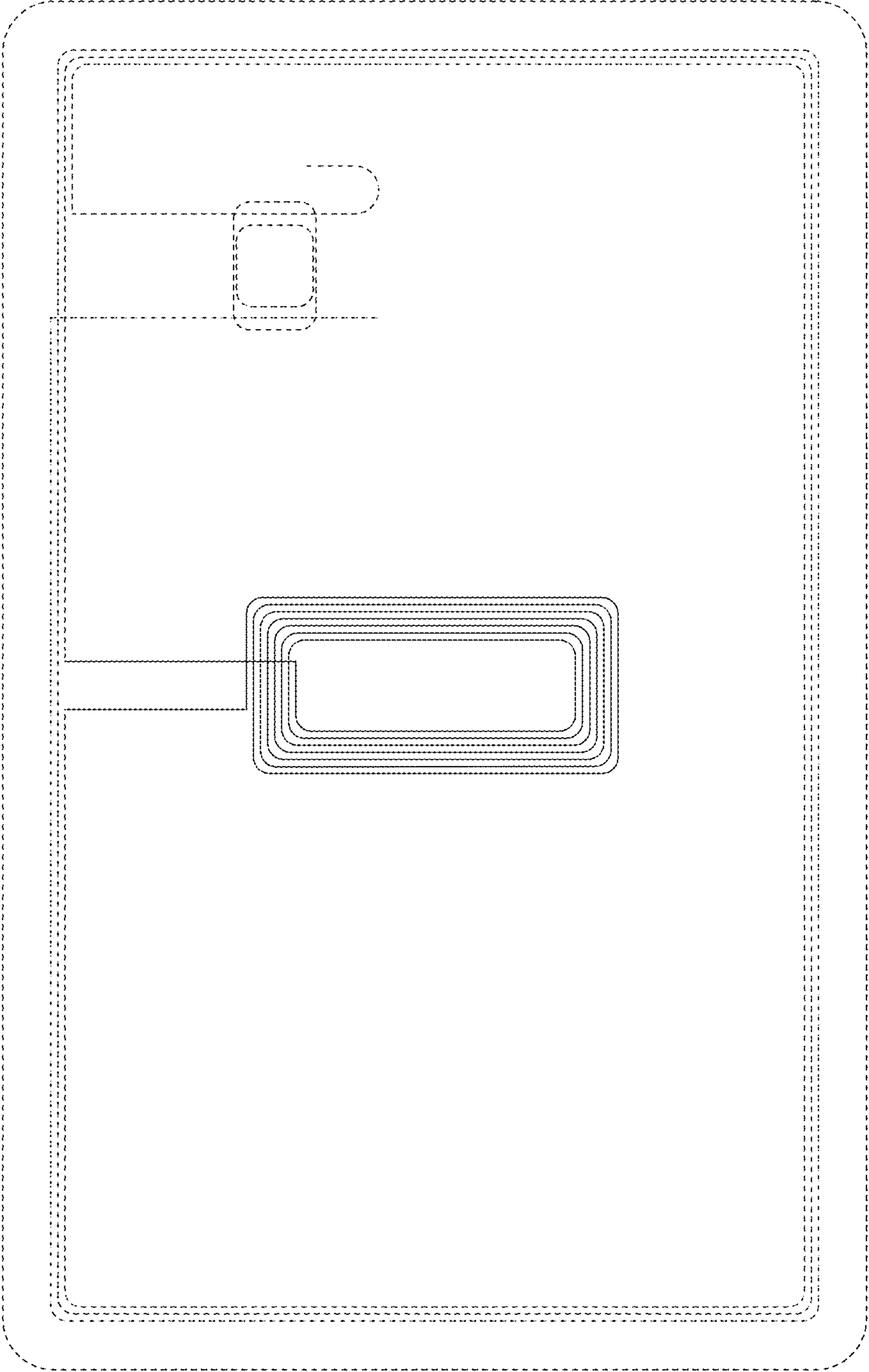


FIG.13

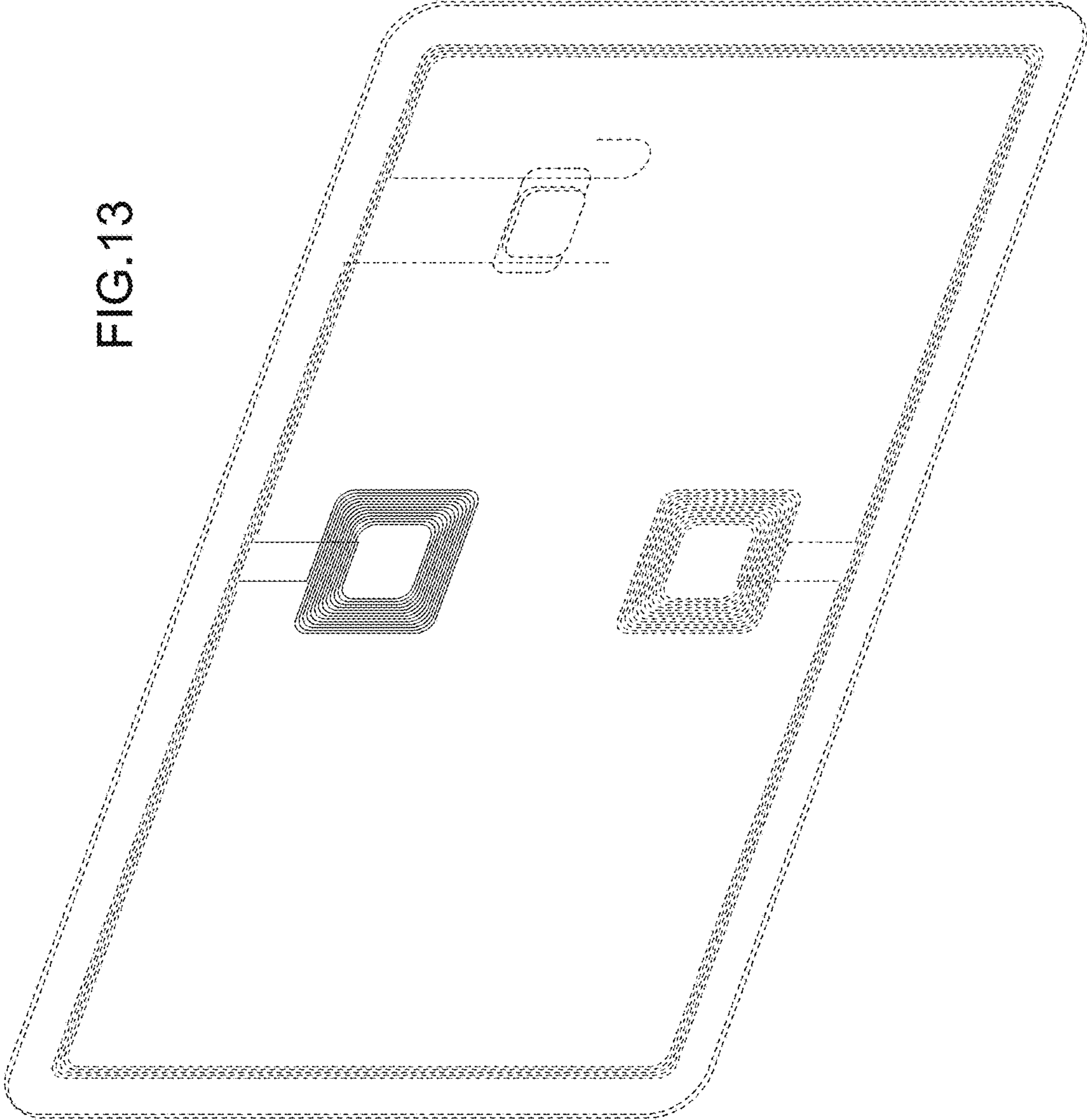


FIG.14

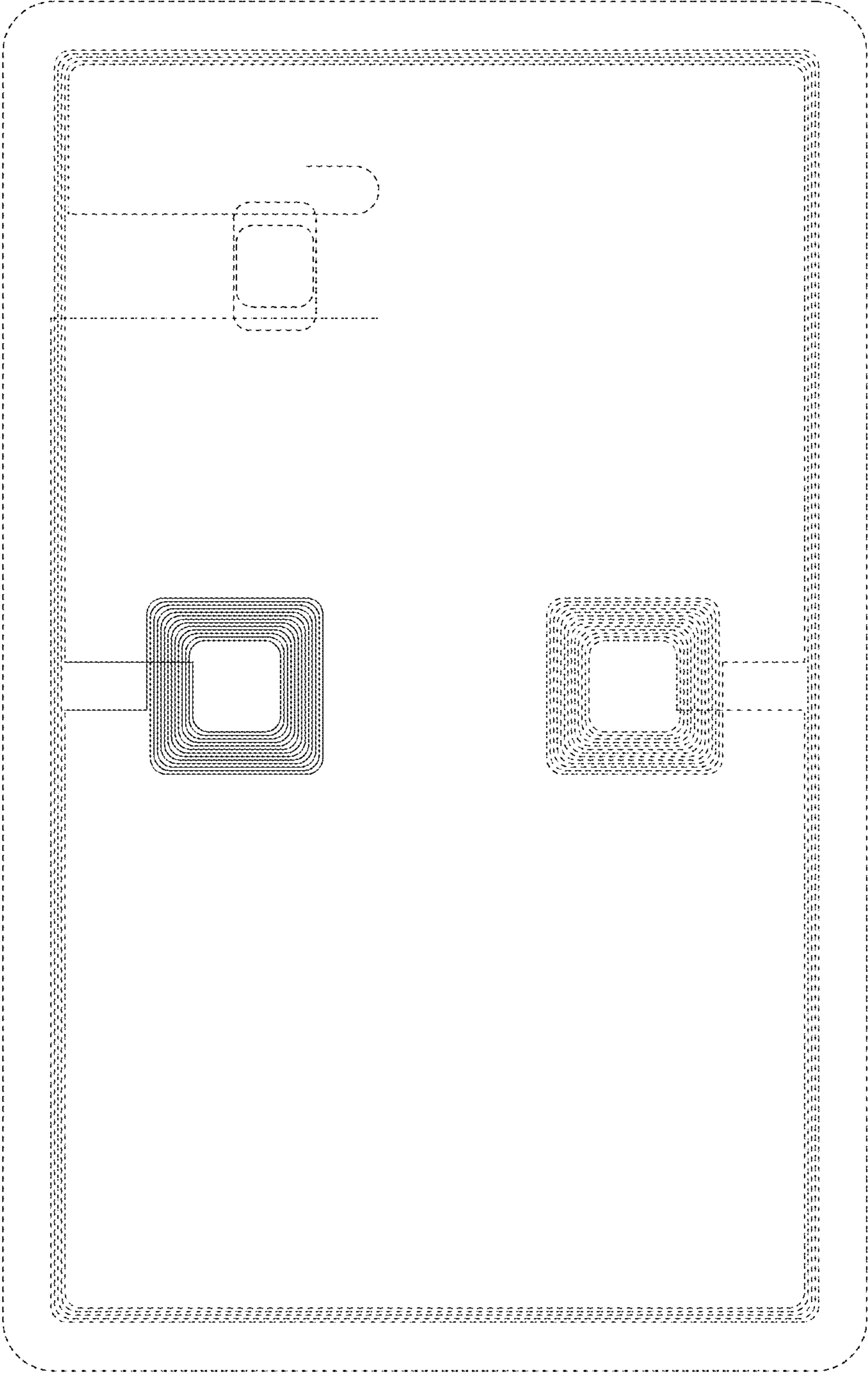




FIG.15

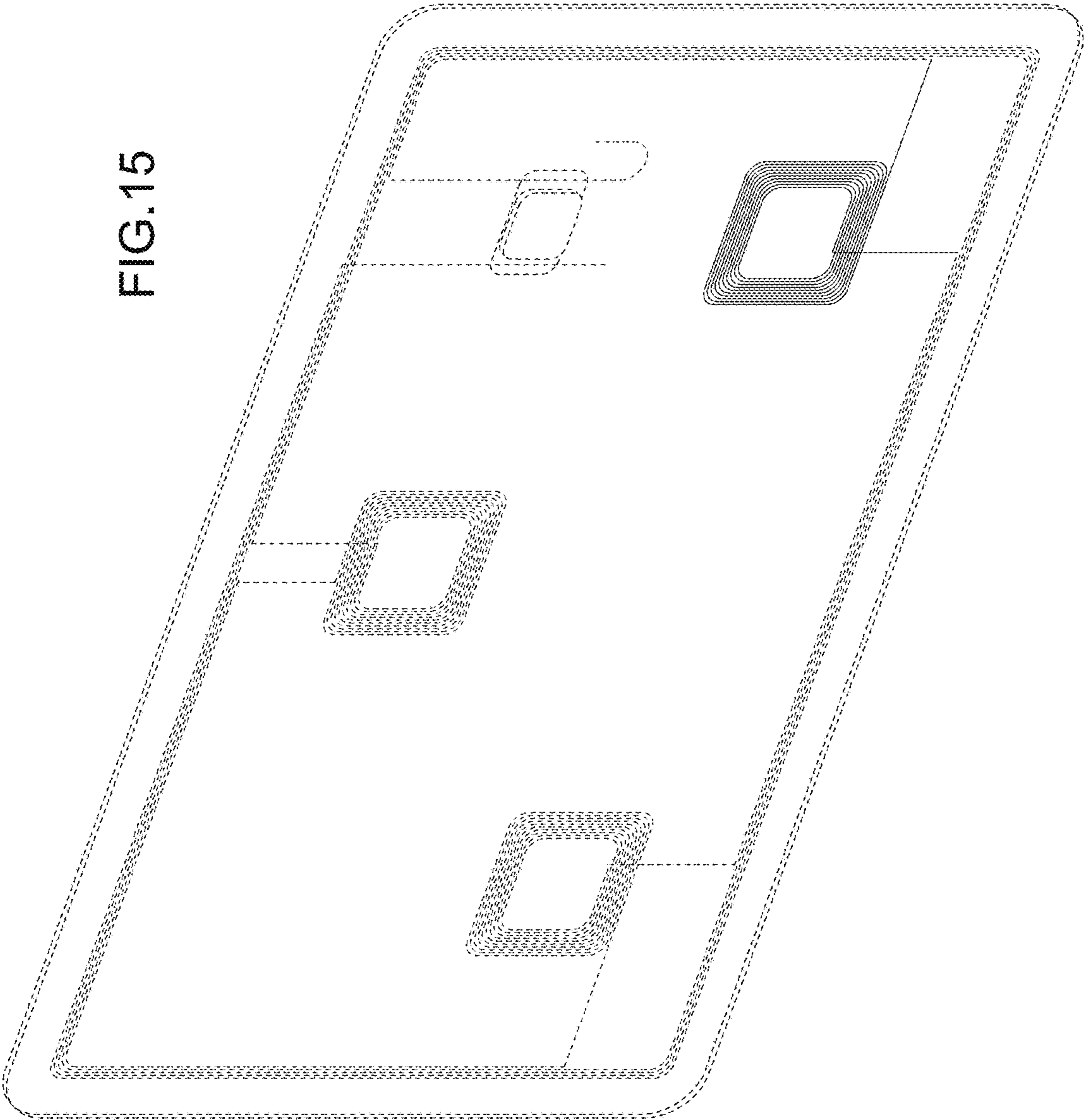


FIG.16

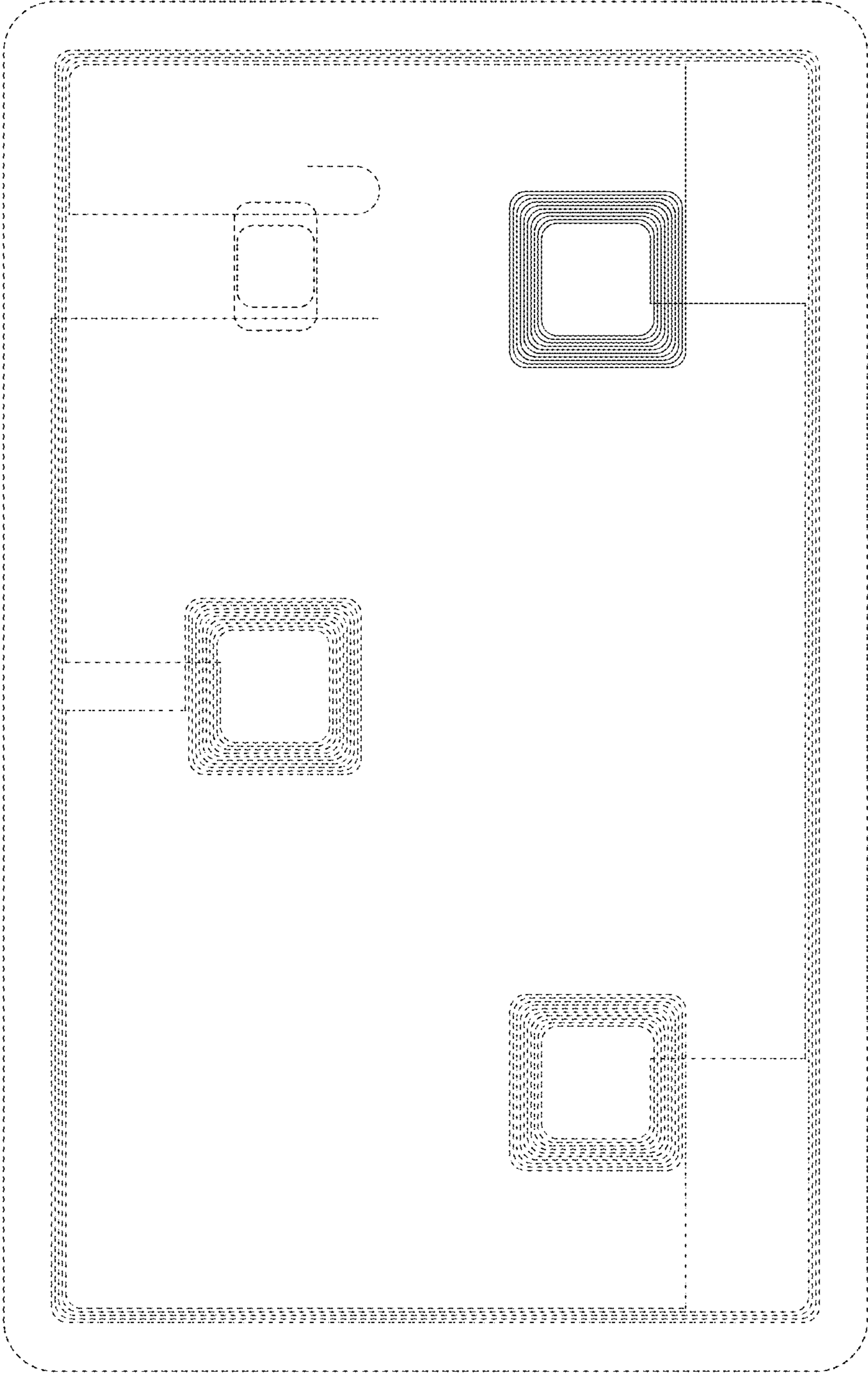


FIG.17

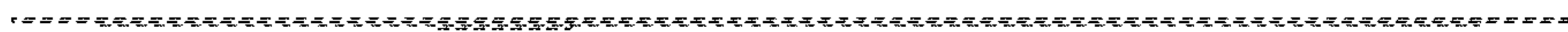


FIG.18

