



US00D837803S

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

(10) **Patent No.:** **US D837,803 S**  
(45) **Date of Patent:** **\*\* Jan. 8, 2019**

(54) **PAPER SUPPORT**

(71) Applicant: **AVISION INC.**, Hsinchu (TW)

(72) Inventors: **Chao-Yu Peng**, Hsinchu (TW);  
**Chi-Yao Chen**, Miaoli County (TW);  
**Hsin-Chen Lee**, Hsinchu (TW)

(73) Assignee: **Avision Inc.** (TW)

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

(21) Appl. No.: **29/602,651**

(22) Filed: **May 2, 2017**

(51) **LOC (11) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/453**

(58) **Field of Classification Search**  
USPC ..... D14/421-425, 453, 462-471, 356;  
D18/40, 36-39, 41, 44-56, 18-21, 34.9,  
D18/59; 235/462, 455, 470, 462.43, 482,  
235/483; 358/474, 486, 488, 496, 498,  
358/452, 449, 451, 453.1, 1.13; 318/685,  
318/696; 355/81, 75; 399/405, 367, 379,  
399/380; 382/217; 715/209, 222, 226,  
715/274; 400/613, 613.1-613.4,  
400/690.1-690.4, 691-694  
CPC ..... H04N 1/00; H04N 1/12; H04N 1/00013;  
H04N 1/00015; H04N 1/00018; H04N  
1/00026; H04N 1/00557; H04N 1/00564;  
H04N 1/00567; H04N 1/0057; H04N  
1/00572; H04N 1/00586; H04N 1/00588;  
H04N 1/00591; H04N 1/00594; H04N  
1/00596; H04N 1/00604; H04N 1/00519;  
H04N 1/00559; H04N 1/1013; H04N  
1/10; H04N 1/00551; H04N 1/00278;  
H04N 2201/0456; H04N 2201/0446;  
H04N 2201/00; H04N 2201/0094; H04N  
1/00602; H04N 1/00628; H04N 1/00795;  
H04N 2201/0063; H04N 2201/0081;  
G03G 15/0142; G03G 15/605; G03G  
15/602; B65H 5/26; B65H 5/30; B65H

7/00; B65H 2402/515; B65H 2402/31;  
B65H 2511/20; B65H 2511/414; B65H  
2511/00194; B65H 2511/00198; B65H  
2511/00202; B65H 2511/00206; B65H  
2301/00; B65H 2220/04; B65H 3/5261;  
B65H 2513/42; B65H 2801/39; B65H  
2801/31; B65H 3/0684; B65H 3/063;  
B65H 3/5284; B65H 2404/133; B65H  
2404/694

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D293,578 S \* 1/1988 Matsumoto ..... D18/55  
D323,850 S \* 2/1992 Matsuo ..... D18/54

(Continued)

*Primary Examiner* — Susan Moon Lee

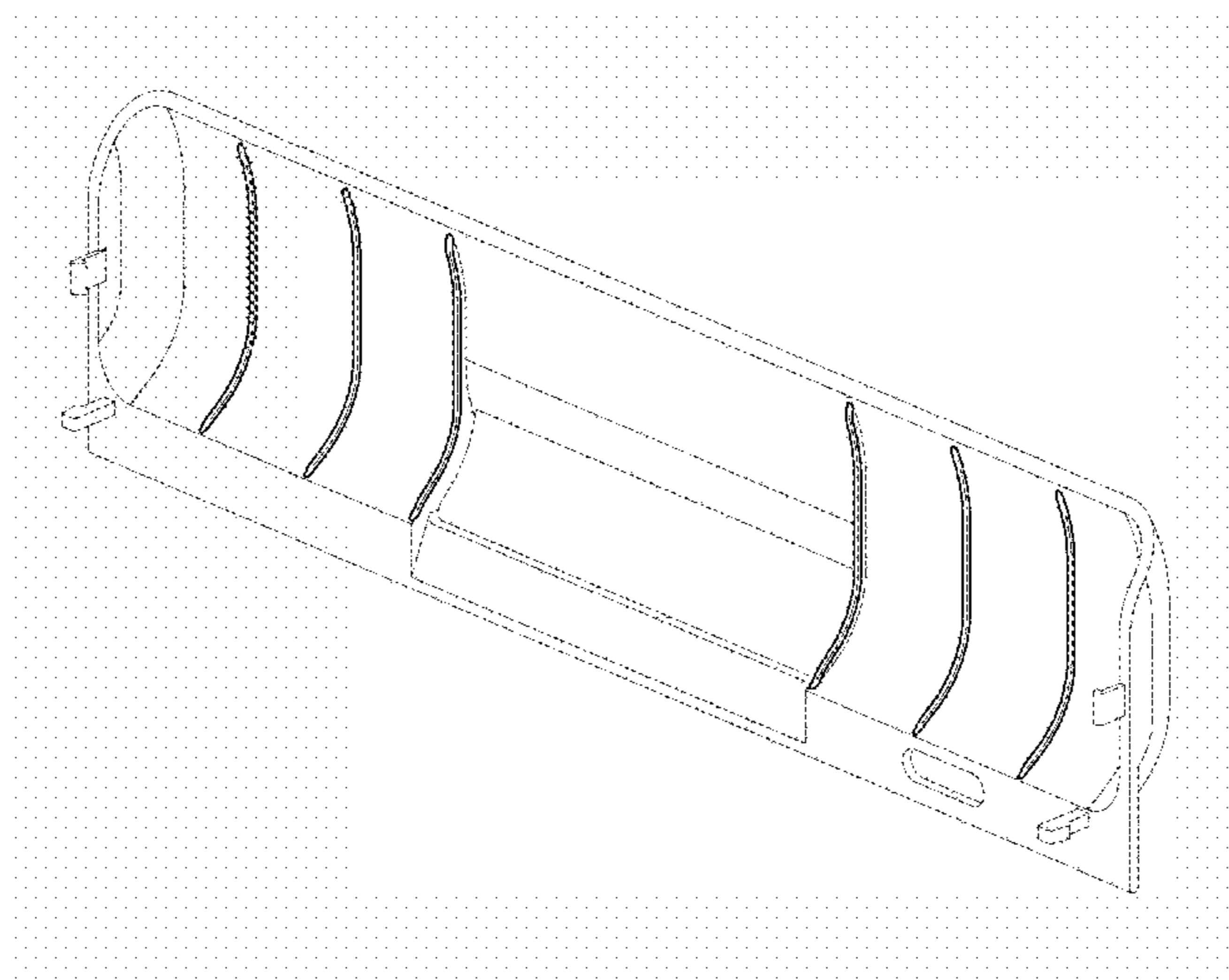
(57) **CLAIM**

The ornamental design for “paper support”, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front right perspective view showing our new design;  
FIG. 2 is a bottom rear right perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left view thereof;  
FIG. 6 is a right view thereof;  
FIG. 7 is a top view thereof;  
FIG. 8 is a bottom view thereof;  
FIG. 9 is a top rear left perspective view of our new design installed on a scanner; and,  
FIG. 10 is a top front left perspective view of our new design installed on a scanner.  
The broken lines, which illustrate the environmental structure of the claimed design, form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D335,894 S \* 5/1993 Nishikaze ..... D18/55  
 D343,637 S \* 1/1994 Umino ..... D18/55  
 D344,754 S \* 3/1994 Parsey ..... D18/49  
 D378,927 S \* 4/1997 Kasahara ..... D18/50  
 D390,593 S \* 2/1998 Inoue ..... D18/54  
 D412,013 S \* 7/1999 Karten ..... D18/50  
 D438,895 S \* 3/2001 Pangburn ..... D18/55  
 D442,218 S \* 5/2001 Kobayashi ..... D18/55  
 D450,344 S \* 11/2001 Ito ..... D18/40  
 D478,594 S \* 8/2003 Ichiyoshi ..... D14/422  
 D491,950 S \* 6/2004 Perry ..... D14/424  
 D492,958 S \* 7/2004 Karakama ..... D18/40  
 D530,364 S \* 10/2006 Huang ..... D18/55  
 D530,739 S \* 10/2006 Tsai ..... D18/55  
 D542,292 S \* 5/2007 Kitamura ..... D14/422  
 7,265,869 B2 \* 9/2007 Silverbrook ..... B41J 2/0452  
 358/1.12

7,290,952 B2 \* 11/2007 Kagami ..... B41J 13/106  
 271/144  
 D611,529 S \* 3/2010 Mistyurik ..... D18/50  
 D637,191 S \* 5/2011 Kuroda ..... D14/422  
 D680,157 S \* 4/2013 Umezawa ..... D18/34.3  
 D689,865 S \* 9/2013 Kitamura ..... D14/422  
 D689,866 S \* 9/2013 Anzai ..... D14/422  
 D689,867 S \* 9/2013 Yamaguchi ..... D14/422  
 D741,331 S \* 10/2015 Ishibashi ..... D14/421  
 D761,354 S \* 7/2016 Ozawa ..... D18/56  
 D788,217 S \* 5/2017 Moon ..... D18/56  
 9,840,384 B2 \* 12/2017 Sheng ..... B65H 3/0684  
 2011/0211034 A1 \* 9/2011 Katayama ..... B41J 3/4075  
 347/220  
 2012/0132370 A1 \* 5/2012 Chen ..... B65C 11/0289  
 156/378  
 2014/0251549 A1 \* 9/2014 Ho ..... B41J 29/00  
 156/759

\* cited by examiner

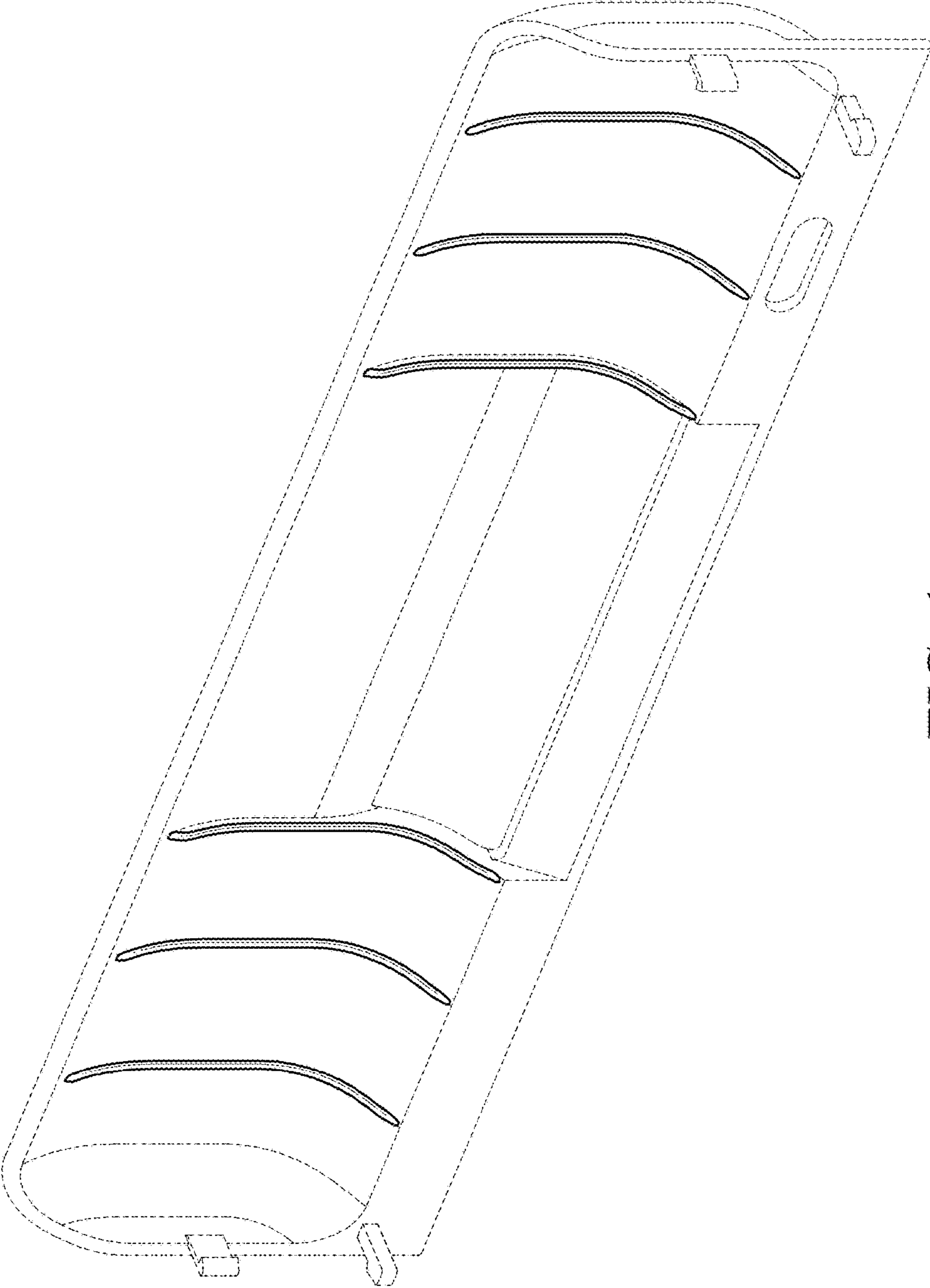


FIG. 1

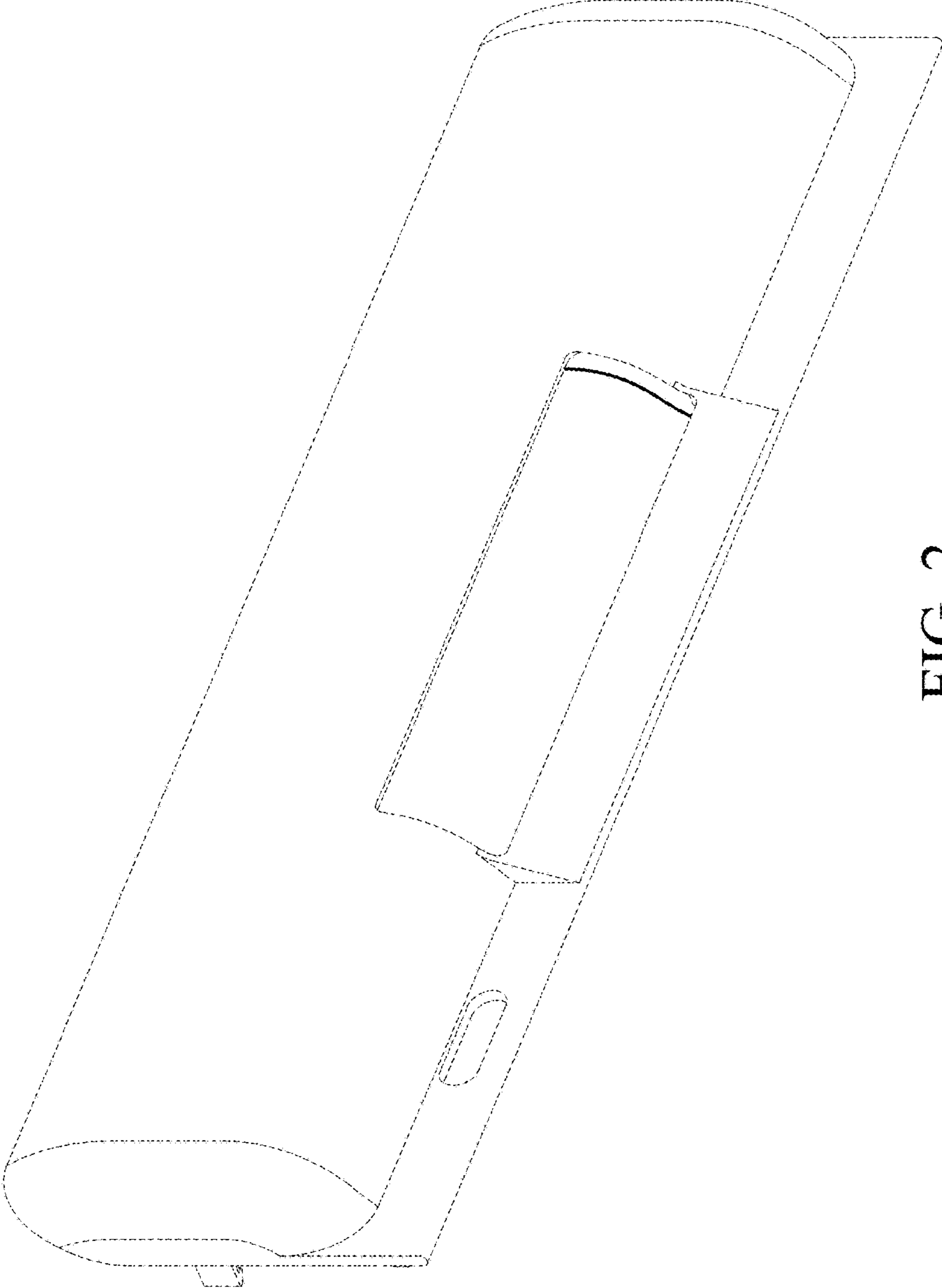


FIG. 2

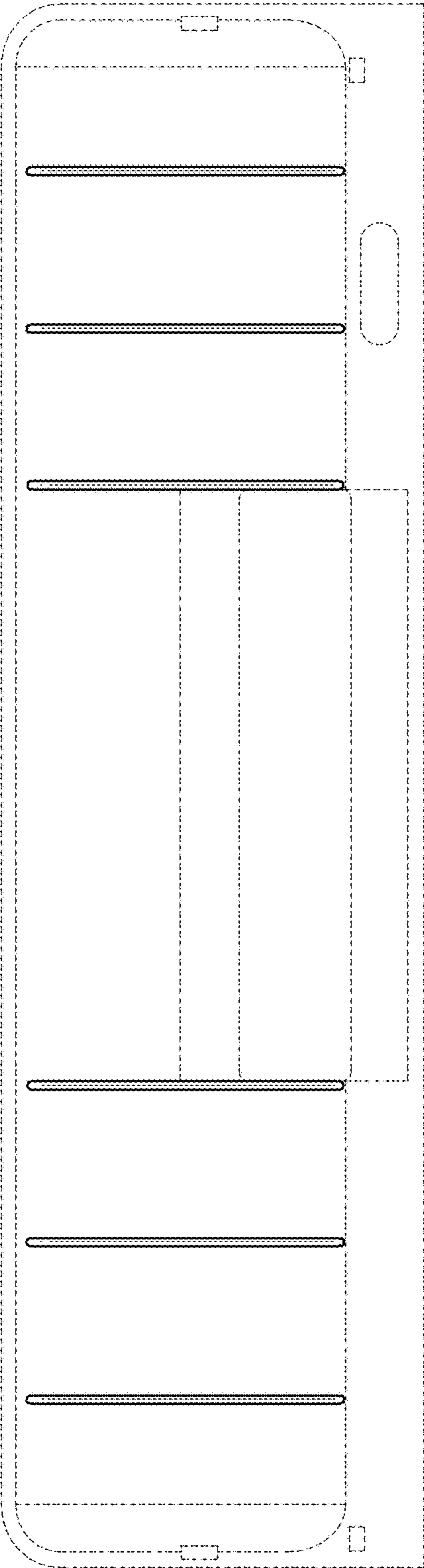


FIG. 3

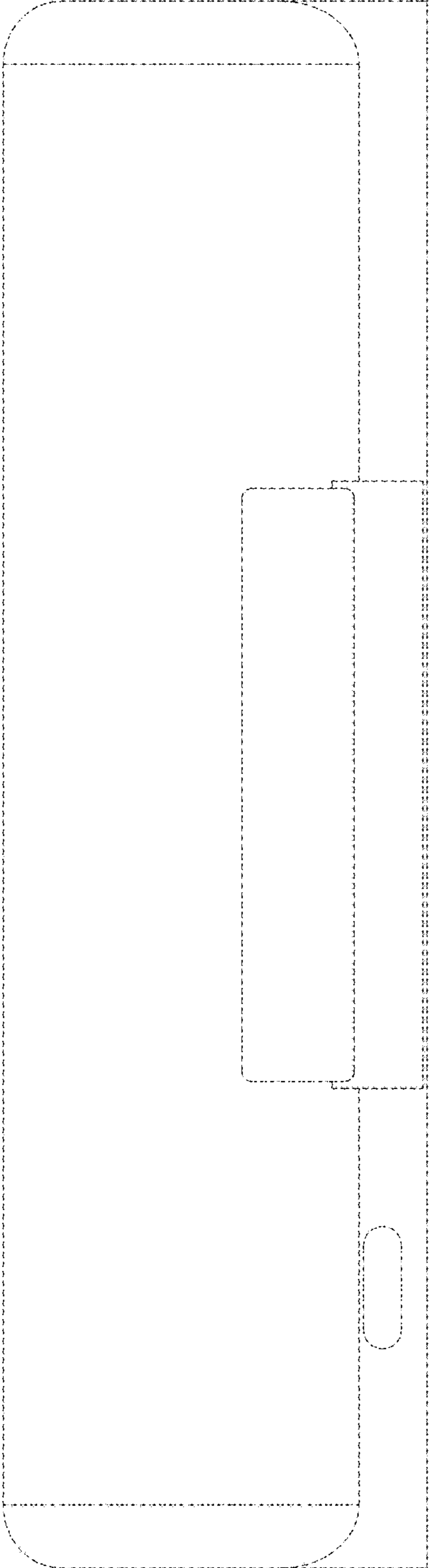


FIG. 4

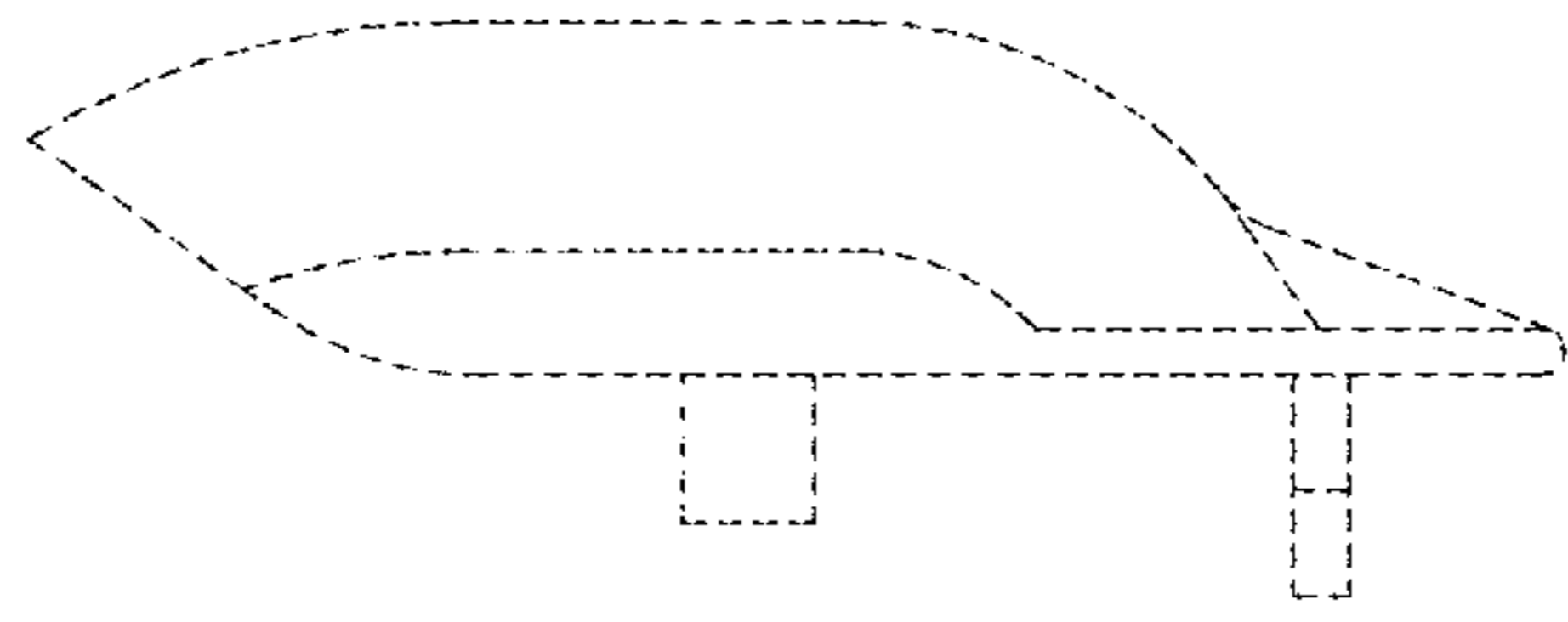


FIG. 6

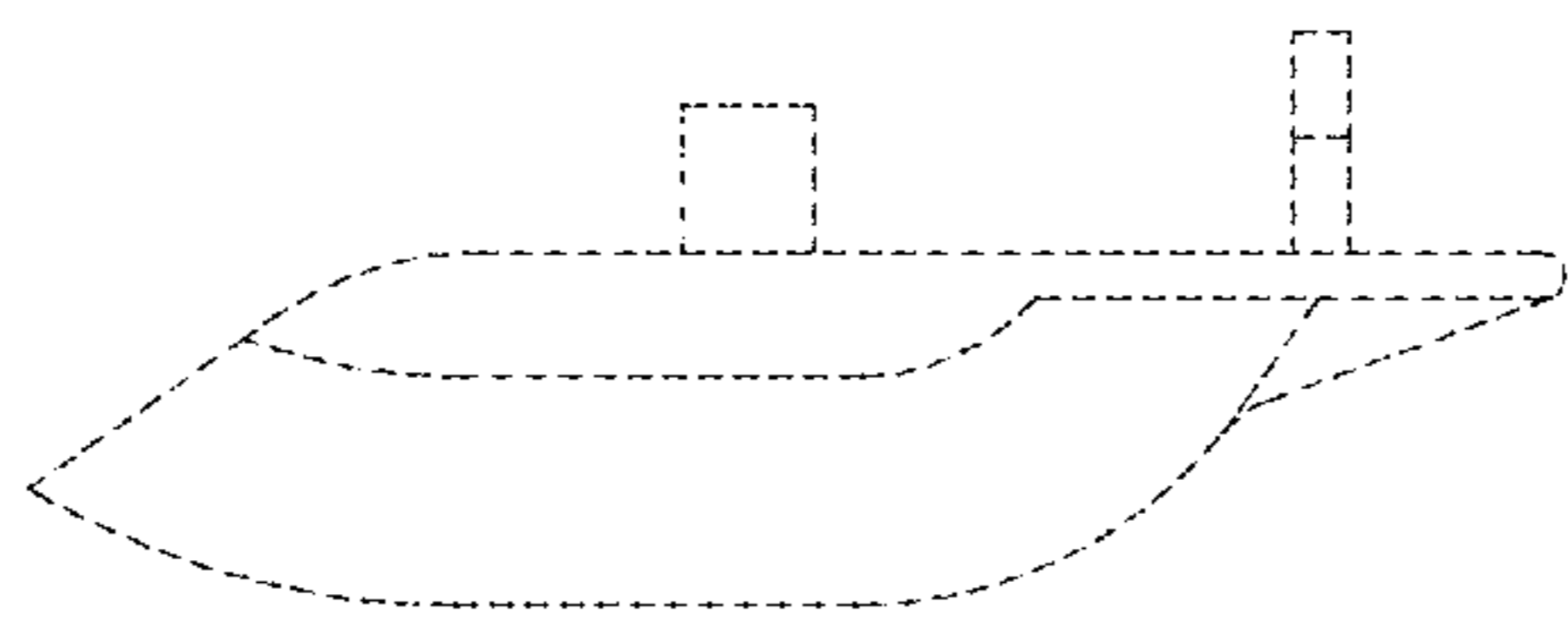


FIG. 5

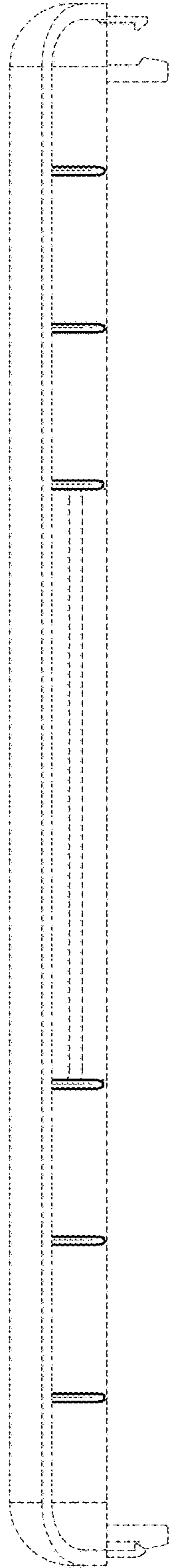


FIG. 7

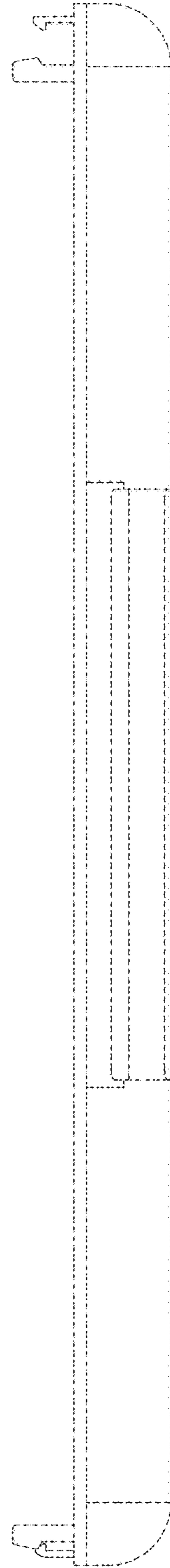


FIG. 8



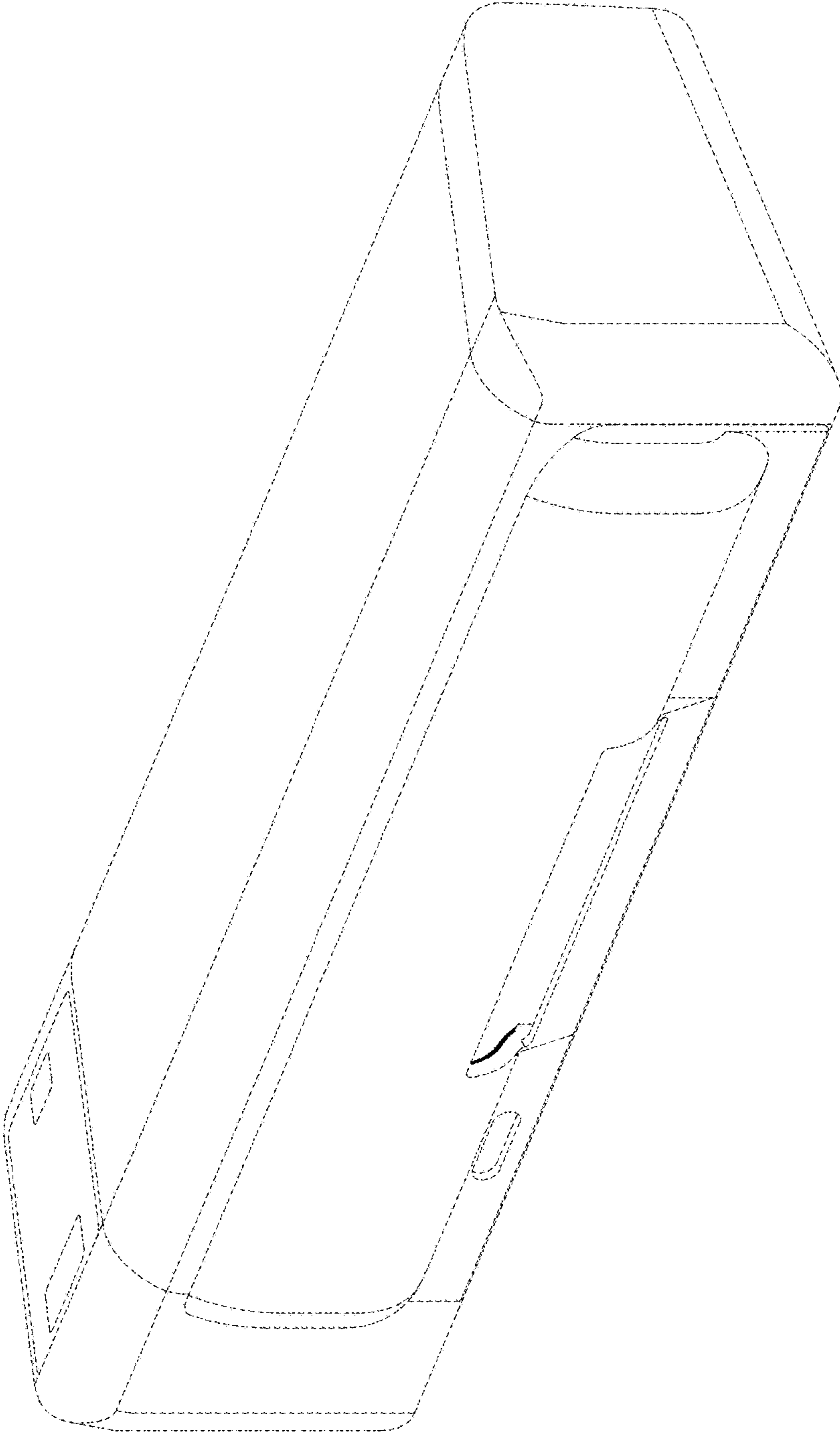


FIG. 9

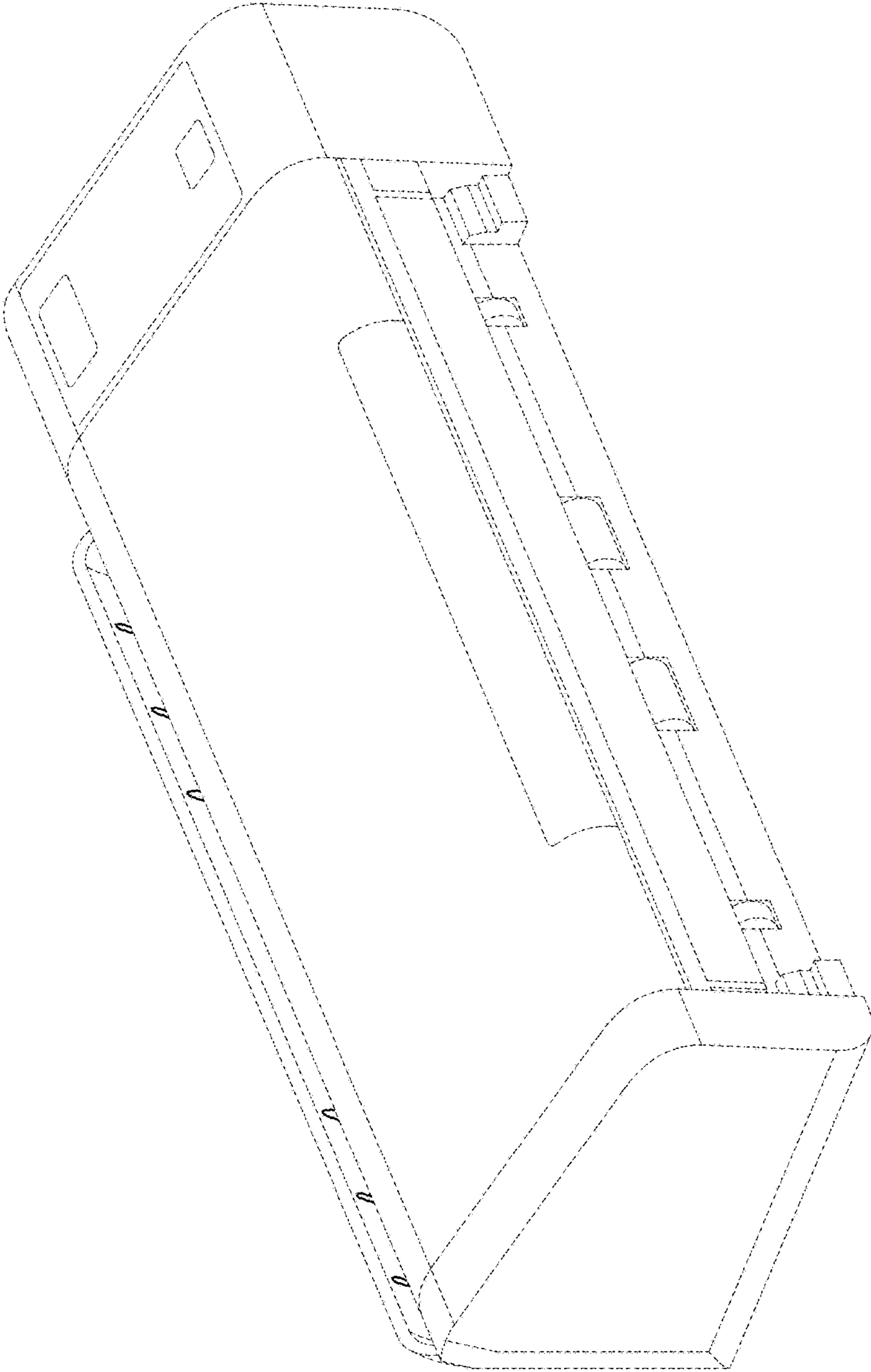


FIG. 10