



US00D664110S

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

(10) **Patent No.:** **US D664,110 S**  
(45) **Date of Patent:** **\*\* Jul. 24, 2012**

(54) **SUBSTRATE FOR LED PACKAGE**  
(75) Inventors: **Bong Kul Min**, Seoul (KR); **Gyu Hyeong Bak**, Seoul (KR)  
(73) Assignee: **LG Innotek Co., Ltd.**, Seoul (KR)  
(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/407,197**  
(22) Filed: **Nov. 23, 2011**

2007/0096114 A1\* 5/2007 Aoki et al. .... 257/79  
2011/0127566 A1\* 6/2011 Yoon ..... 257/99  
2011/0241030 A1\* 10/2011 Kim ..... 257/88  
2012/0074451 A1\* 3/2012 Lin ..... 257/99

\* cited by examiner

*Primary Examiner* — Selina Sikder

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

(57) **CLAIM**

The ornamental design for a substrate for LED package, as shown and described.

**DESCRIPTION**

(30) **Foreign Application Priority Data**  
May 24, 2011 (KR) ..... 30-2011-0020939  
(51) **LOC (9) Cl.** ..... **13-03**  
(52) **U.S. Cl.** ..... **D13/180**  
(58) **Field of Classification Search** ..... D13/180;  
D26/1, 2; 257/79, 80, 81, 88, 89, 95, 98,  
257/99, 100, E33.058; 313/483, 498, 500;  
362/555, 800  
See application file for complete search history.

FIG. 1 is a perspective view of the substrate for LED package showing our new design;  
FIG. 2 is a front view thereof, the rear view being a mirror image thereof;  
FIG. 3 is a left side view thereof, the right side view being a mirror image thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof; and,  
FIG. 6 is a cross-sectional reference view thereof through VI-VI of FIG. 2.

The broken lines shown are included for the purpose of illustrating the unclaimed portions of the article and form no part of the claim.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D634,284 S \* 3/2011 Ko et al. .... D13/180  
D638,378 S \* 5/2011 Ko et al. .... D13/180  
D645,425 S \* 9/2011 Lin et al. .... D13/180  
D652,808 S \* 1/2012 Chang et al. .... D13/180

**1 Claim, 3 Drawing Sheets**

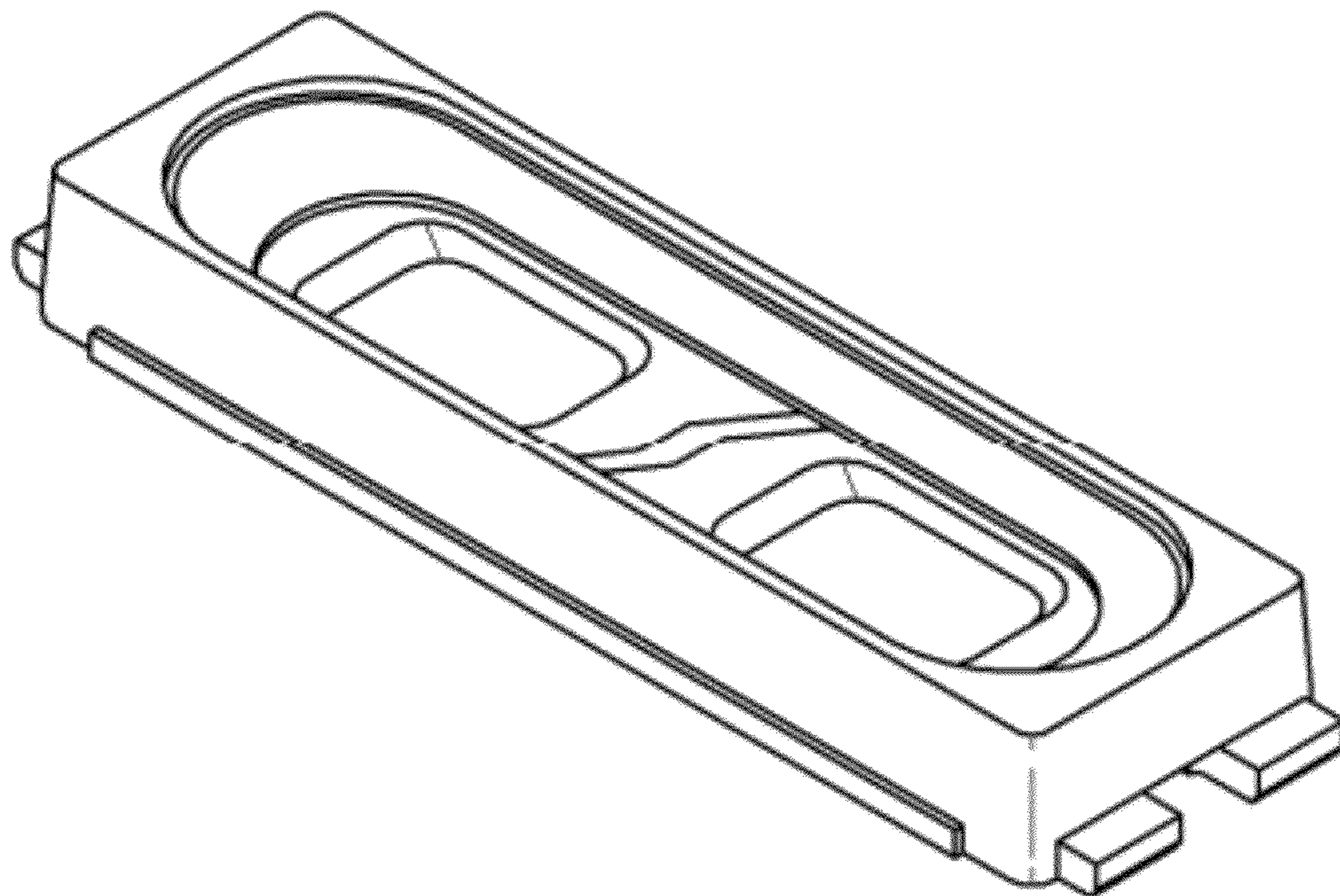


FIG. 1

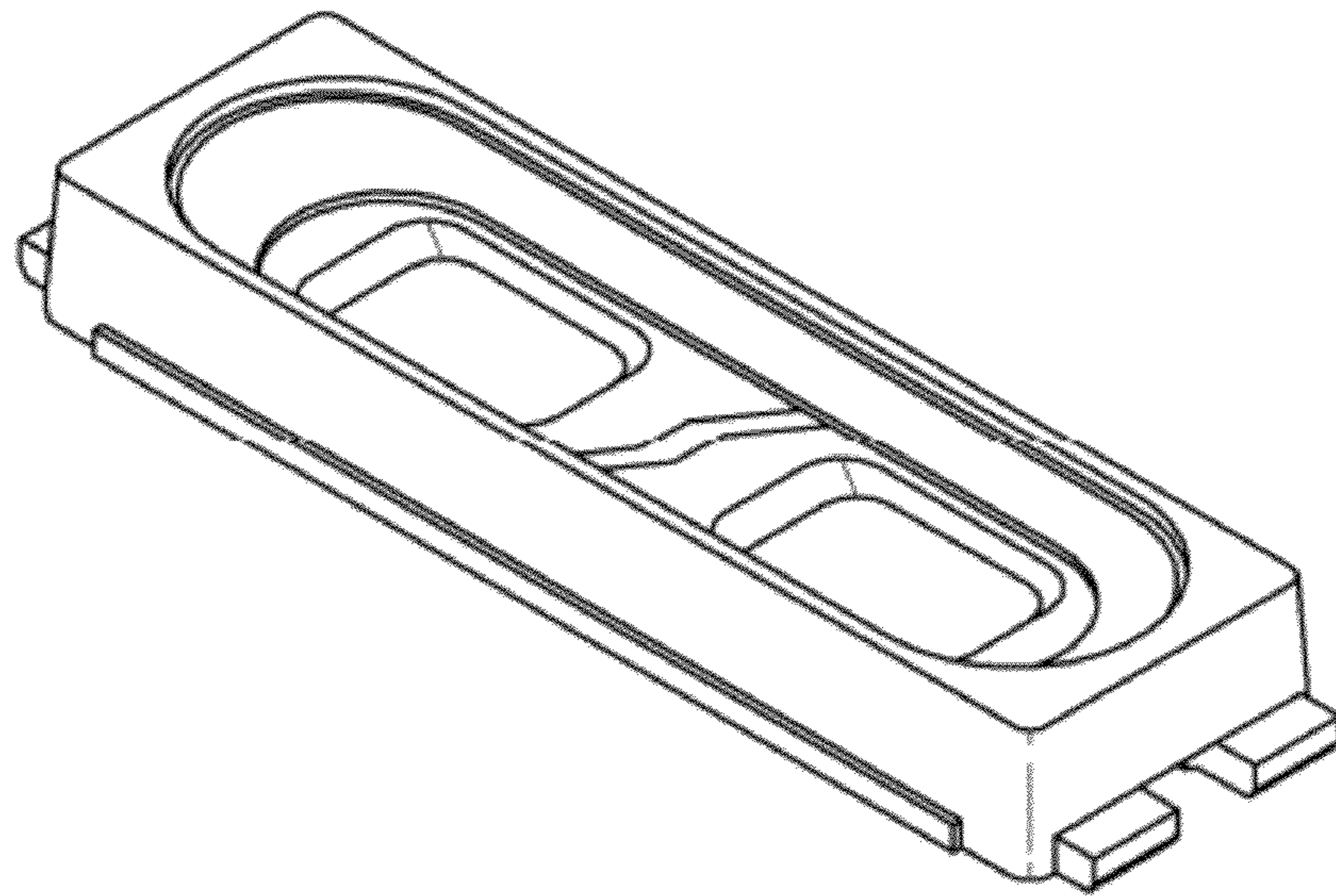


FIG. 2

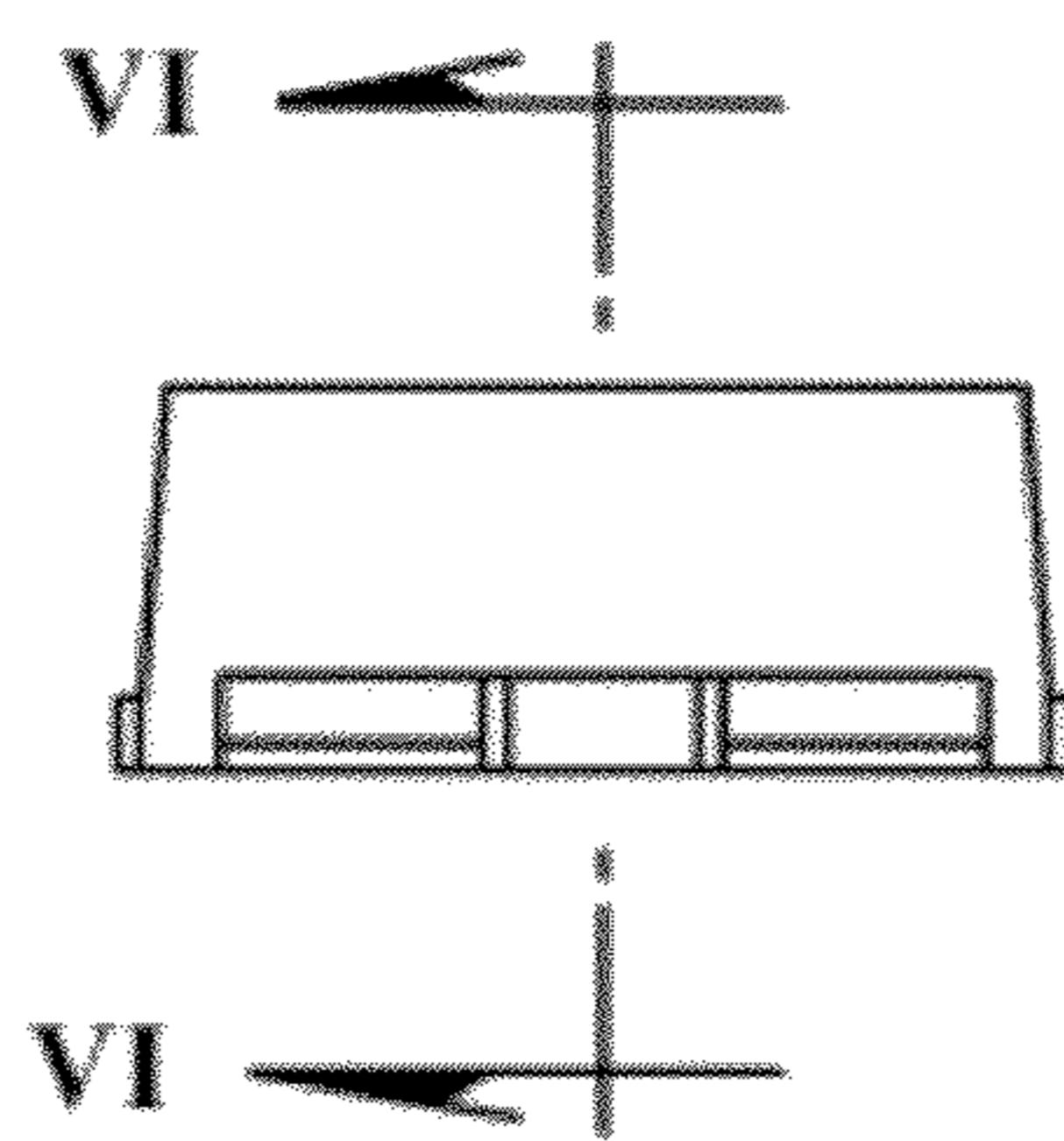


FIG. 3

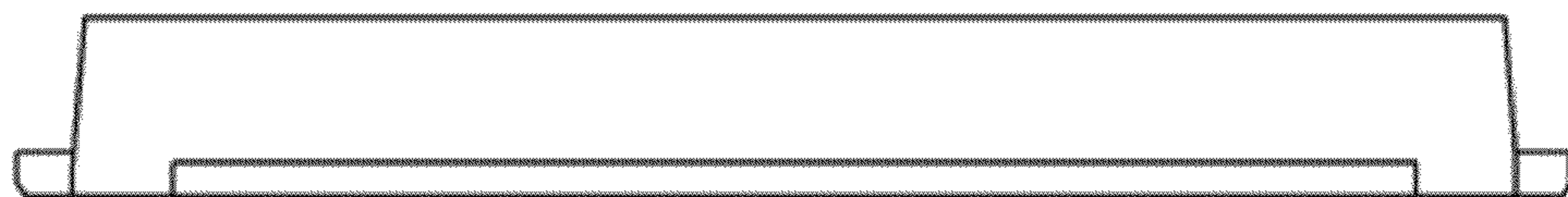




FIG. 4

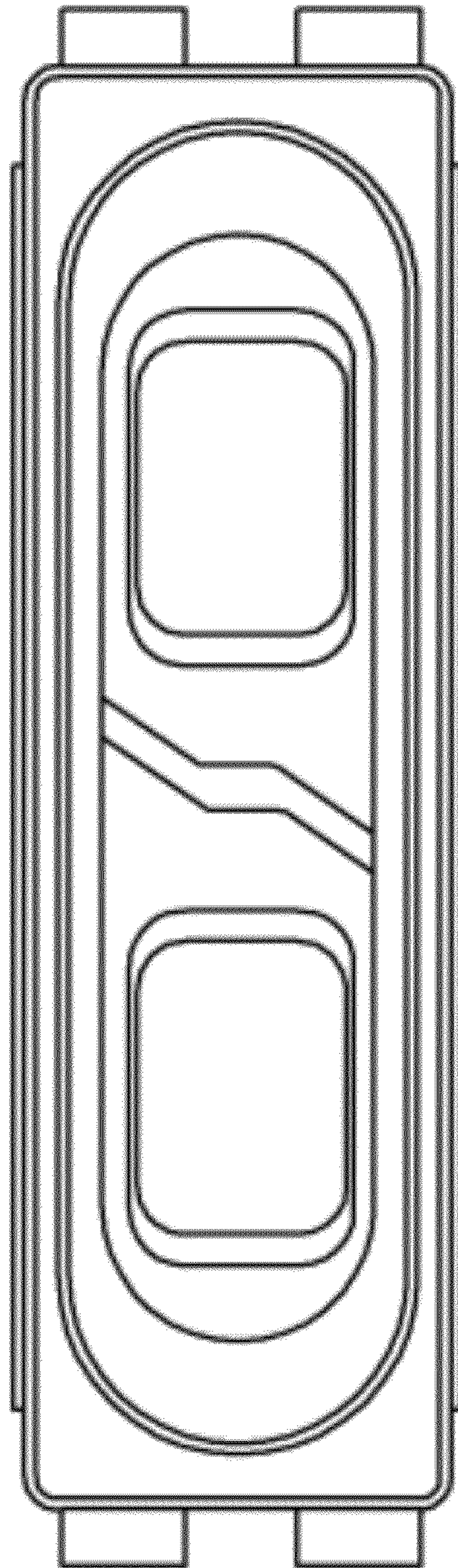


FIG. 5

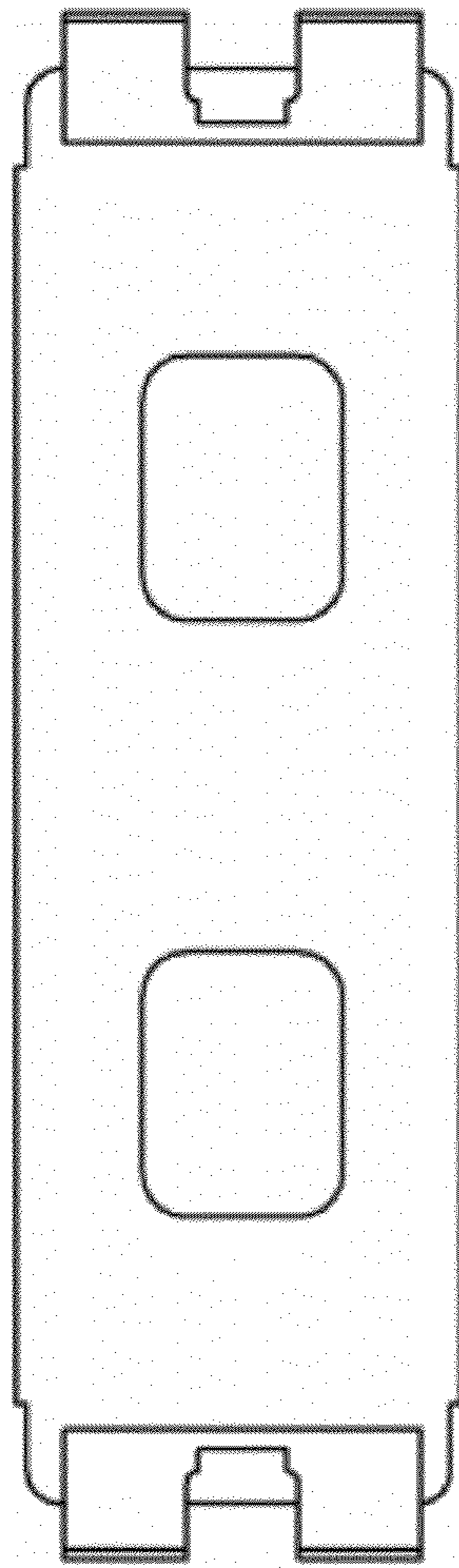


FIG. 6

