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

(10) **Patent No.:** **US D566,591 S**
(45) **Date of Patent:** **** Apr. 15, 2008**

(54) **FRONT PANEL FOR MEASUREMENT INSTRUMENTS**

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

(21) Appl. No.: **29/276,738**

(22) Filed: **Feb. 2, 2007**

(51) **LOC (8) Cl.** **10-04**

(52) **U.S. Cl.** **D10/80; D10/103**

(58) **Field of Classification Search** D10/80,
D10/102–103; D14/432, 440, 441; 24/280;
73/431; 116/334, DIG. 47; 220/214; 236/46 R,
236/47, 94; 292/37 R, 256.67; 301/666,
301/669; 324/72.5, 107, 110, 114, 115, 142,
324/127, 151 A, 151 R, 156, 157, 131, 132,
324/116; 329/110, 155, 156; 337/112, 327,
337/360; 340/653, 660; 379/21; 439/482;
D24/185–186, 232–234

See application file for complete search history.

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* cited by examiner

Primary Examiner—Antoine D. Davis

(74) *Attorney, Agent, or Firm*—William K. Bucher

(57) **CLAIM**

The ornamental design of a front panel for measurement instruments, as shown and described.

DESCRIPTION

The ornamental design disclosed in this application is for various embodiments of a front panel for measurement instruments, such as oscilloscopes, logic analyzers, waveform generators, and the like. The front panel has a substantially rectangular front face with a substantially rectangular opening disposed in a portion thereof, first beveled surfaces extending from side surfaces and from first portions of top and bottom surfaces to the rectangular front face, and second beveled surfaces extending from second portions of the top and bottom surfaces to the rectangular front face with the second beveled surfaces laterally transitioning from the first beveled surfaces.

FIG. 1 is a perspective view of a first embodiment of front panel for measurement instruments;

FIG. 2 is a front elevation view of the first embodiment of front panel for measurement instruments;

FIG. 3 is a left side elevation view of the first embodiment of front panel for measurement instruments;

FIG. 4 is a right side elevation view of the first embodiment of front panel for measurement instruments;

FIG. 5 is a top plan view of the first embodiment of front panel for measurement instruments;

FIG. 6 is a bottom plan view of the first embodiment of front panel for measurement instruments;

FIG. 7 is a perspective view of a second embodiment of front panel for measurement instruments;

FIG. 8 is a front elevation view of the second embodiment of front panel for measurement instruments;

FIG. 9 is a left side elevation view of the second embodiment of front panel for measurement instruments;

FIG. 10 is a right side elevation view of the second embodiment of front panel for measurement instruments;

FIG. 11 is a top plan view of the second embodiment of front panel for measurement instruments;

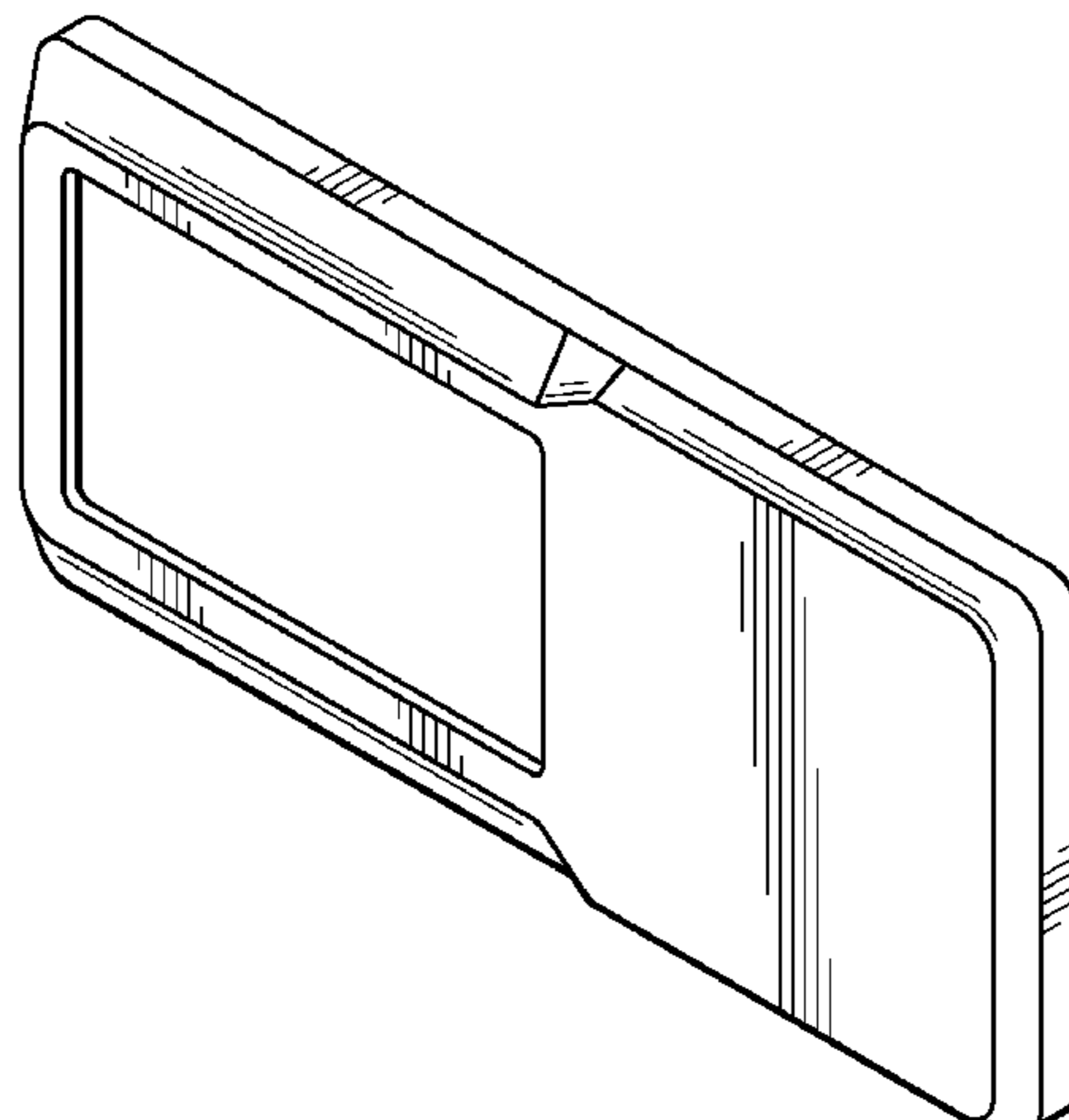


FIG. 12 is a bottom plan view of the second embodiment of front panel for measurement instruments;

FIG. 13 is a perspective view of a third embodiment of front panel for measurement instruments;

FIG. 14 is a front elevation view of the third embodiment of front panel for measurement instruments;

FIG. 15 is a left side elevation view of the third embodiment of front panel for measurement instruments;

FIG. 16 is a right side elevation view of the third embodiment of front panel for measurement instruments;

FIG. 17 is a top plan view of the third embodiment of front panel for measurement instruments;

FIG. 18 is a bottom plan view of third embodiment of front panel for measurement instruments;

FIG. 19 is a perspective view of a fourth embodiment of front panel for measurement instruments;

FIG. 20 is a front elevation view of the fourth embodiment of front panel for measurement instruments;

FIG. 21 is a left side elevation view of the fourth embodiment of front panel for measurement instruments;

FIG. 22 is a right side elevation view of the fourth embodiment of front panel for measurement instruments;

FIG. 23 is a top plan view of the fourth embodiment of front panel for measurement instruments;

FIG. 24 is a bottom plan view of the fourth embodiment of front panel for measurement instruments;

FIG. 25 is a perspective view of a fifth embodiment of front panel for measurement instruments;

FIG. 26 is a front elevation view of the fifth embodiment of front panel for measurement instruments;

FIG. 27 is a left side elevation view of the fifth embodiment of front panel for measurement instruments;

FIG. 28 is a right side elevation view of the fifth embodiment of front panel for measurement instruments;

FIG. 29 is a top plan view of the fifth embodiment of front panel for measurement instruments;

FIG. 30 is a bottom plan view of the fifth embodiment of front panel for measurement instruments;

FIG. 31 is a perspective view of a sixth embodiment of front panel for measurement instruments;

FIG. 32 is a front elevation view of the sixth embodiment of front panel for measurement instruments;

FIG. 33 is a left side elevation view of the sixth embodiment of front panel for measurement instruments;

FIG. 34 is a right side elevation view of the sixth embodiment of front panel for measurement instruments;

FIG. 35 is a top plan view of the sixth embodiment of front panel for measurement instruments;

FIG. 36 is a bottom plan view of the sixth embodiment of front panel for measurement instruments;

FIG. 37 is a perspective view of a seventh embodiment of front panel for measurement instruments;

FIG. 38 is a front elevation view of the seventh embodiment of front panel for measurement instruments;

FIG. 39 is a left side elevation view of the seventh embodiment of front panel for measurement instruments;

FIG. 40 is a right side elevation view of the seventh embodiment of front panel for measurement instruments;

FIG. 41 is a top plan view of the seventh embodiment of front panel for measurement instruments;

FIG. 42 is a bottom plan view of seventh embodiment of front panel for measurement instruments;

FIG. 43 is a perspective view of an eight embodiment of front panel for measurement instruments;

FIG. 44 is a front elevation view of the eight embodiment of front panel for measurement instruments;

FIG. 45 is a left side elevation view of the eight embodiment of front panel for measurement instruments;

FIG. 46 is a right side elevation view of the eight embodiment of front panel for measurement instruments;

FIG. 47 is a top plan view of the eight embodiment of front panel for measurement instruments;

FIG. 48 is a bottom plan view of the eight embodiment of front panel for measurement instruments;

FIG. 49 is a perspective view of a ninth embodiment of front panel for measurement instruments;

FIG. 50 is a front elevation view of the ninth embodiment of front panel for measurement instruments;

FIG. 51 is a left side elevation view of the ninth embodiment of front panel for measurement instruments;

FIG. 52 is a right side elevation view of the ninth embodiment of front panel for measurement instruments;

FIG. 53 is a top plan view of the ninth embodiment of front panel for measurement instruments; and,

FIG. 54 is a bottom plan view of the ninth embodiment of front panel for measurement instruments.

1 Claim, 18 Drawing Sheets

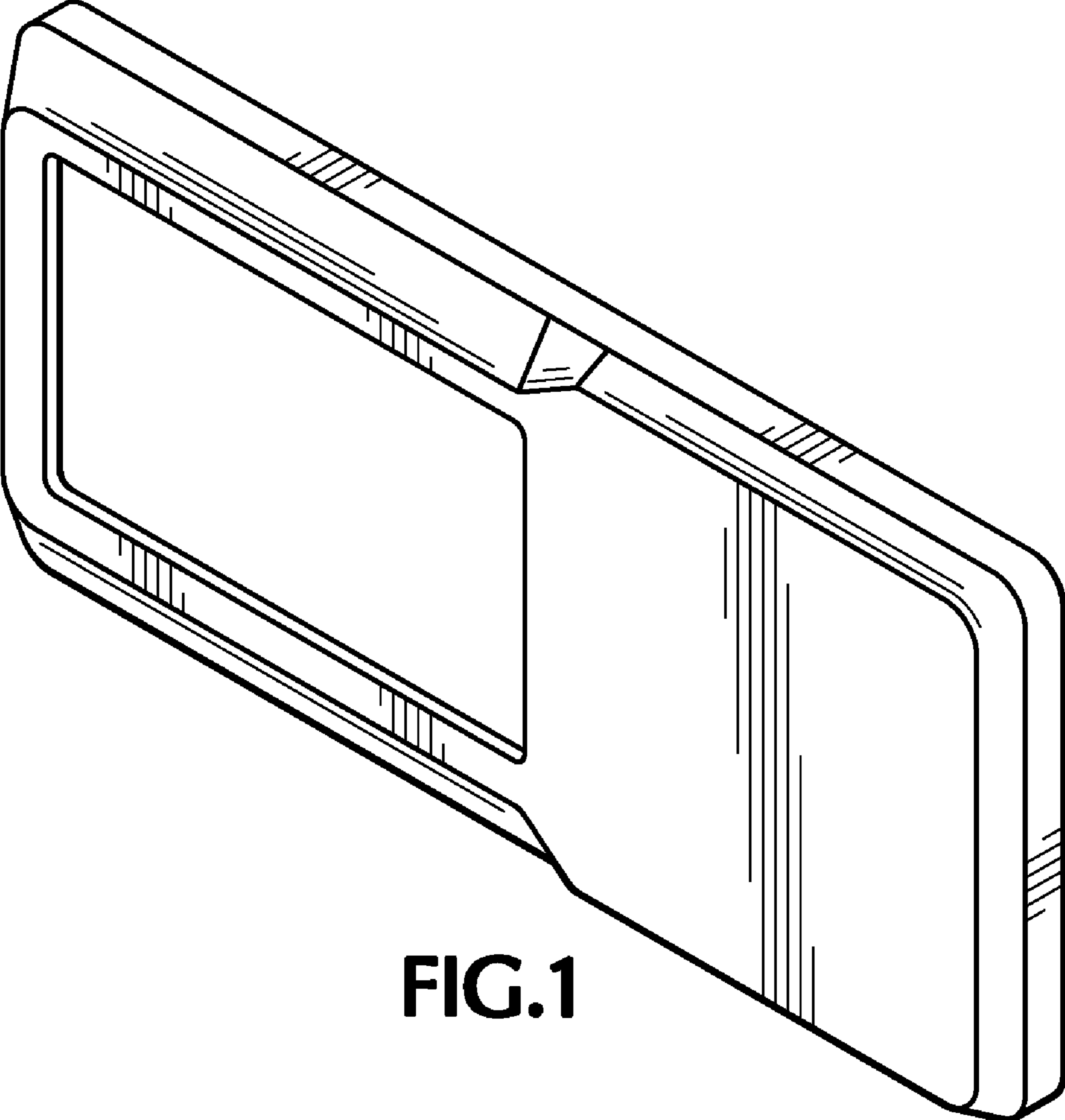


FIG.1

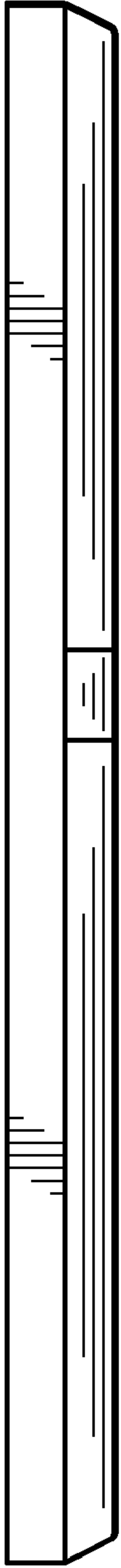


FIG. 5

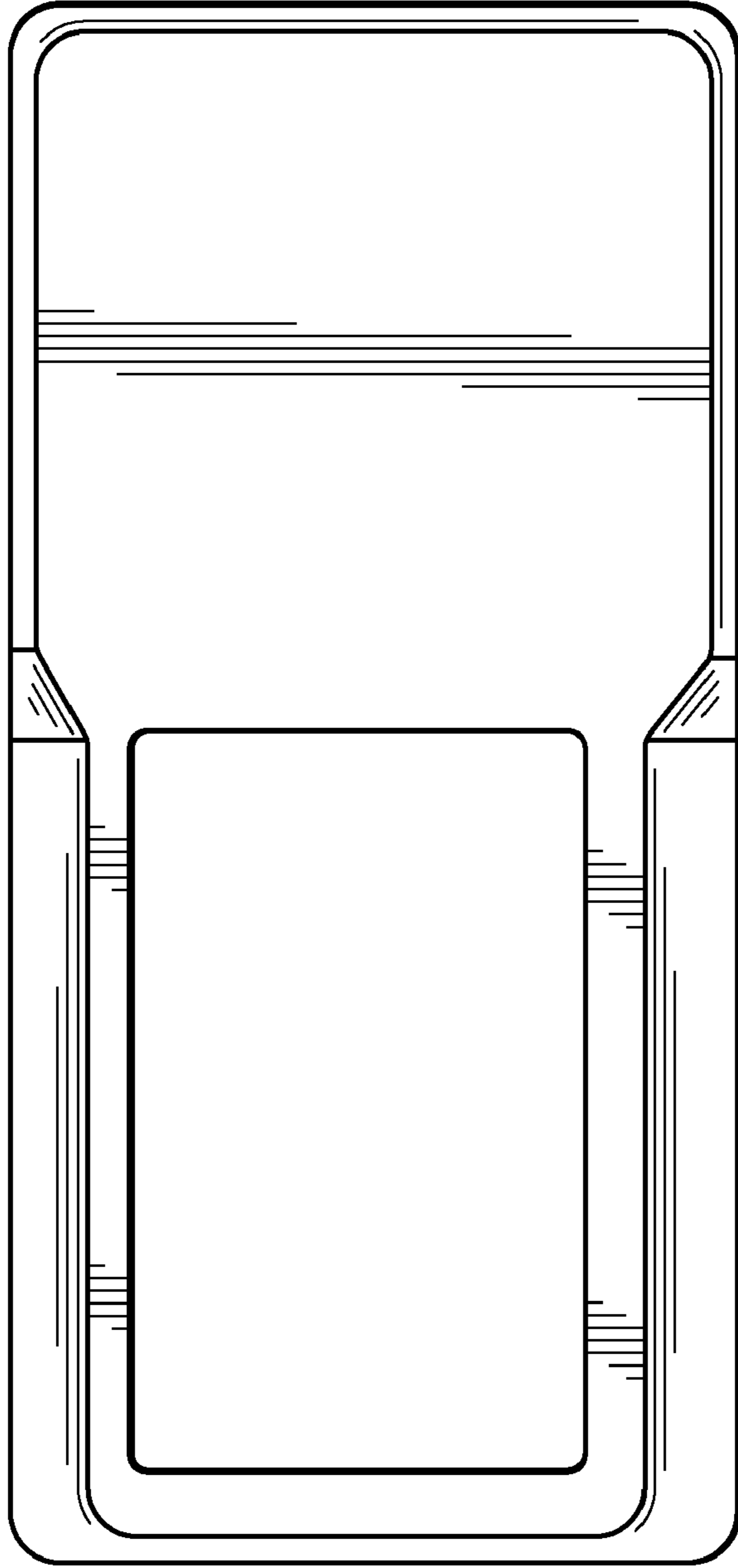


FIG. 2

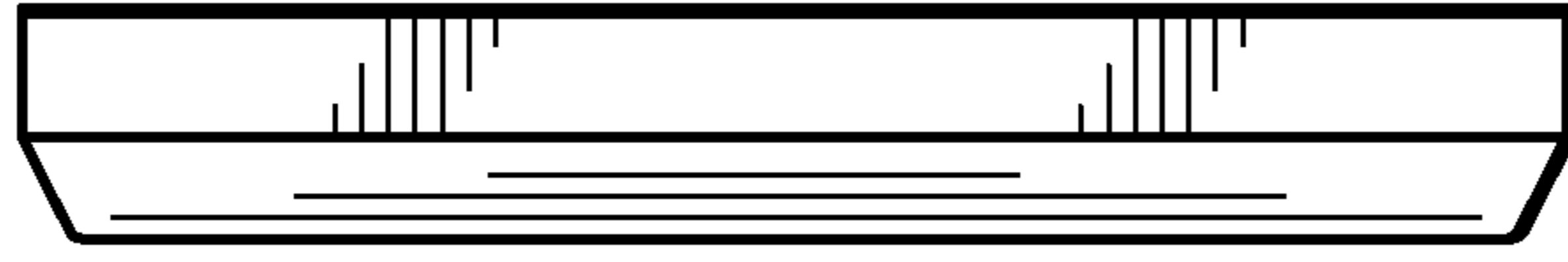


FIG. 4

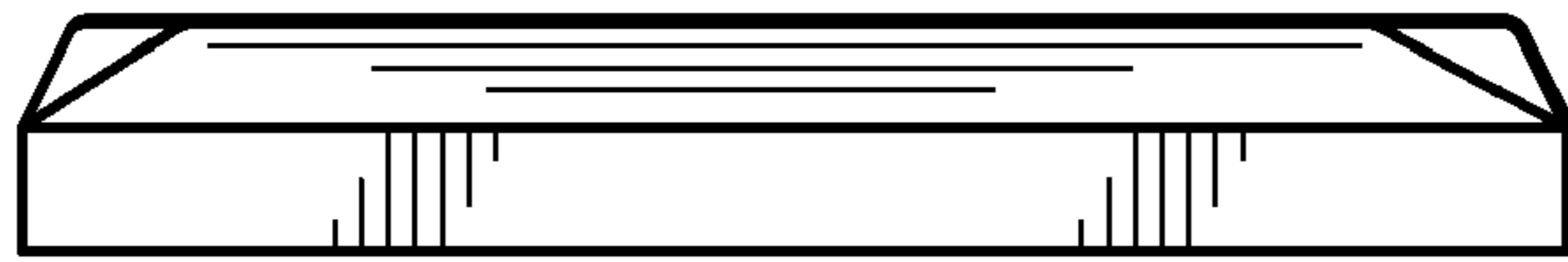


FIG. 3

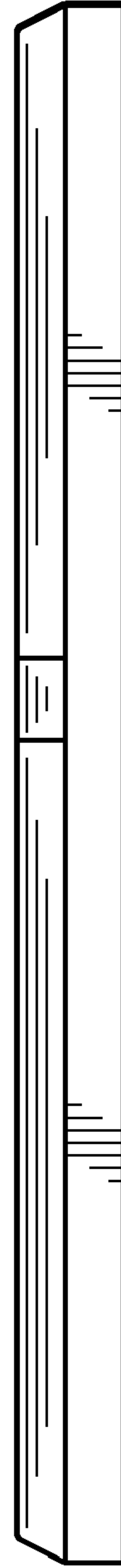


FIG. 6

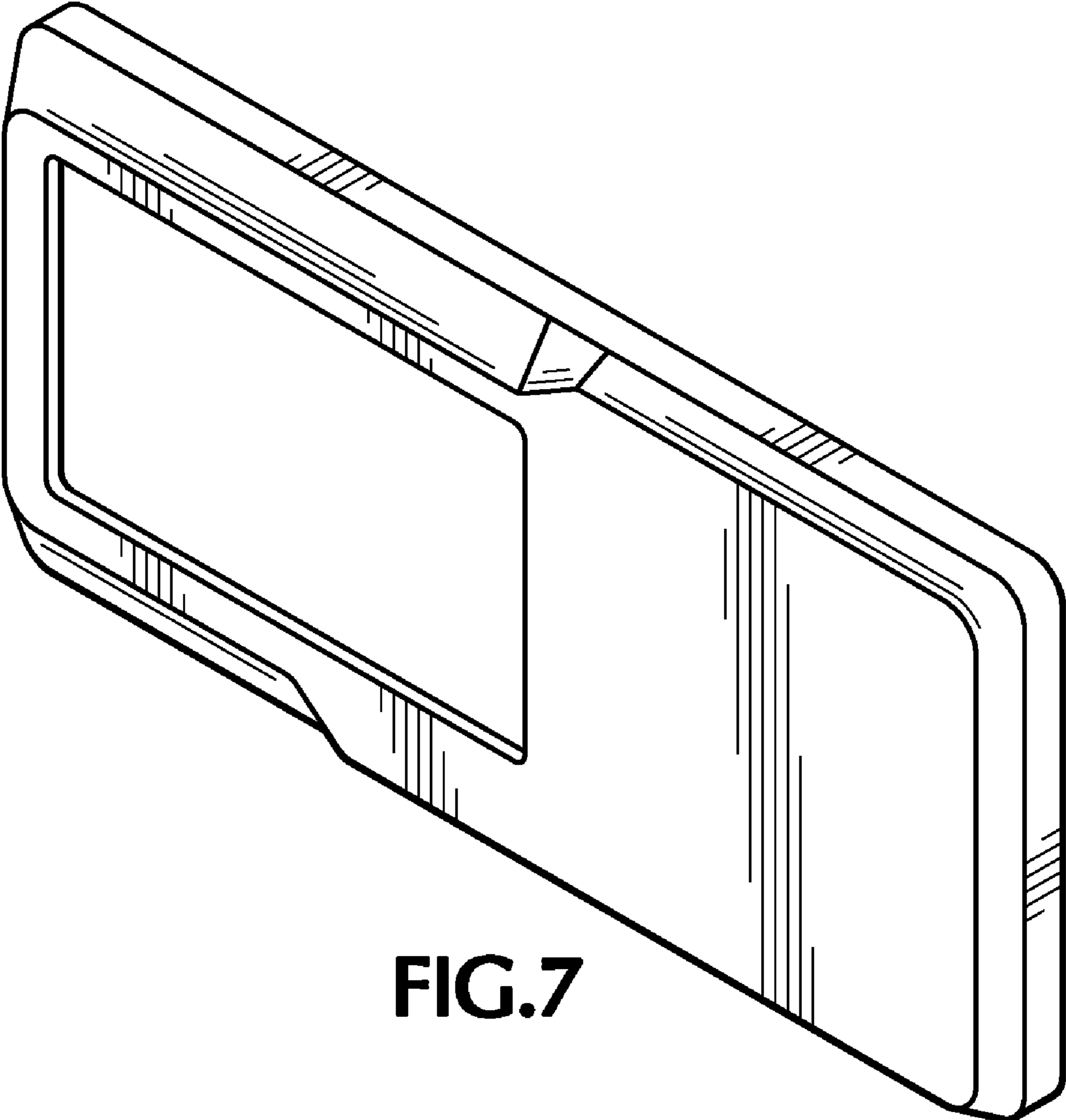


FIG.7

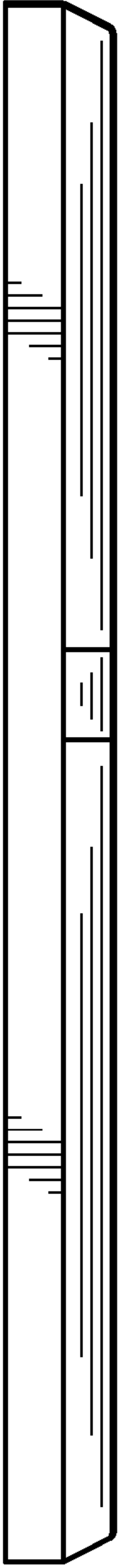


FIG. 11

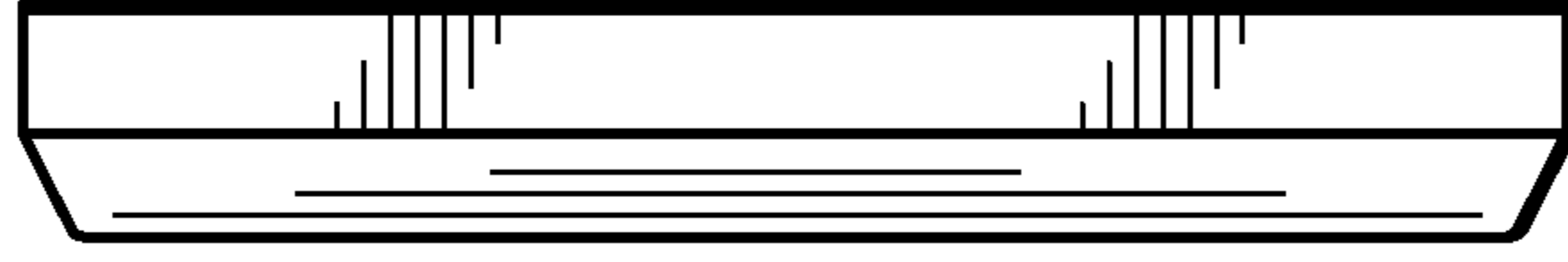


FIG. 10

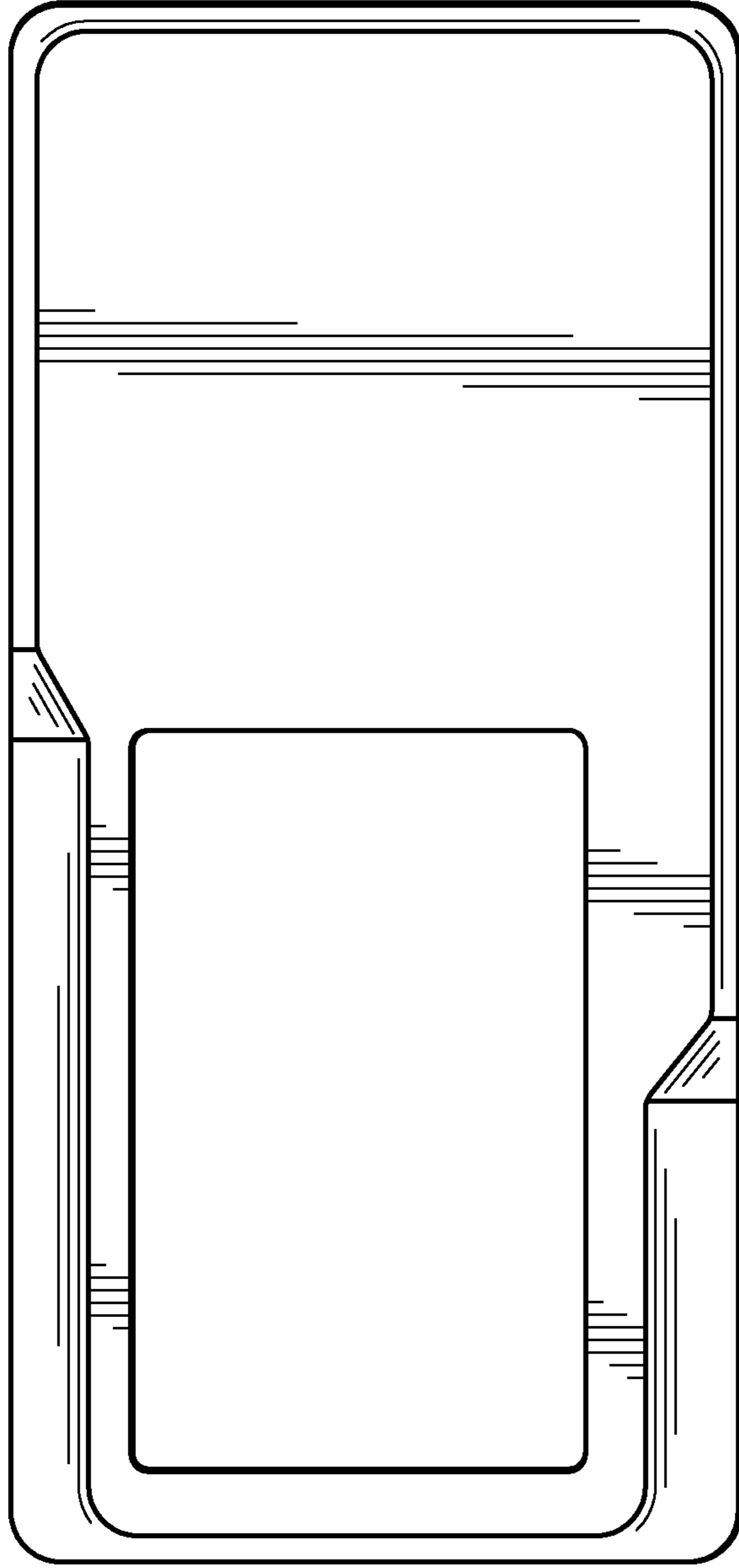


FIG. 8

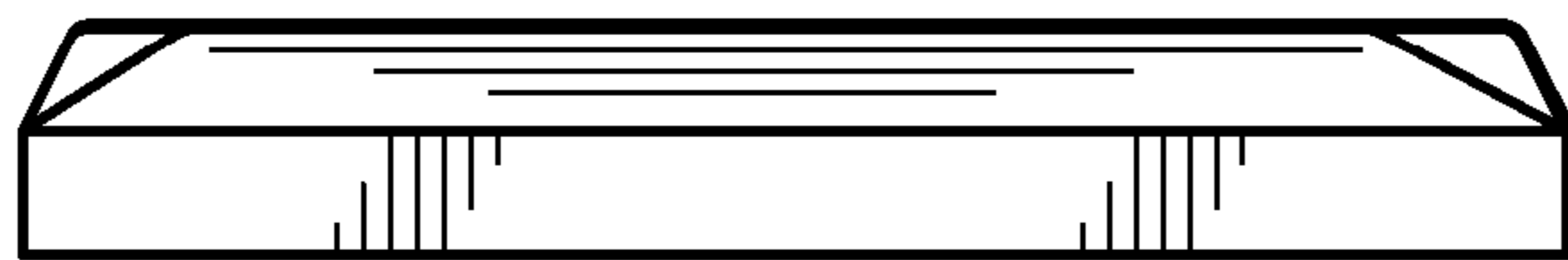


FIG. 9

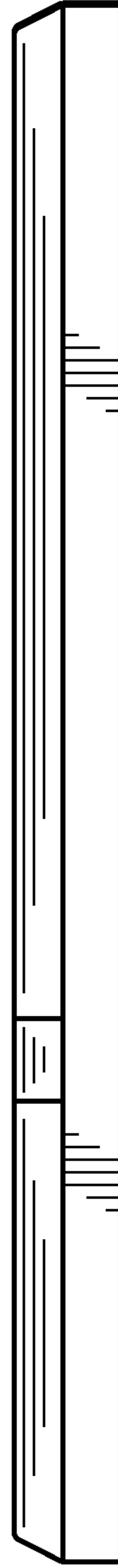


FIG. 12

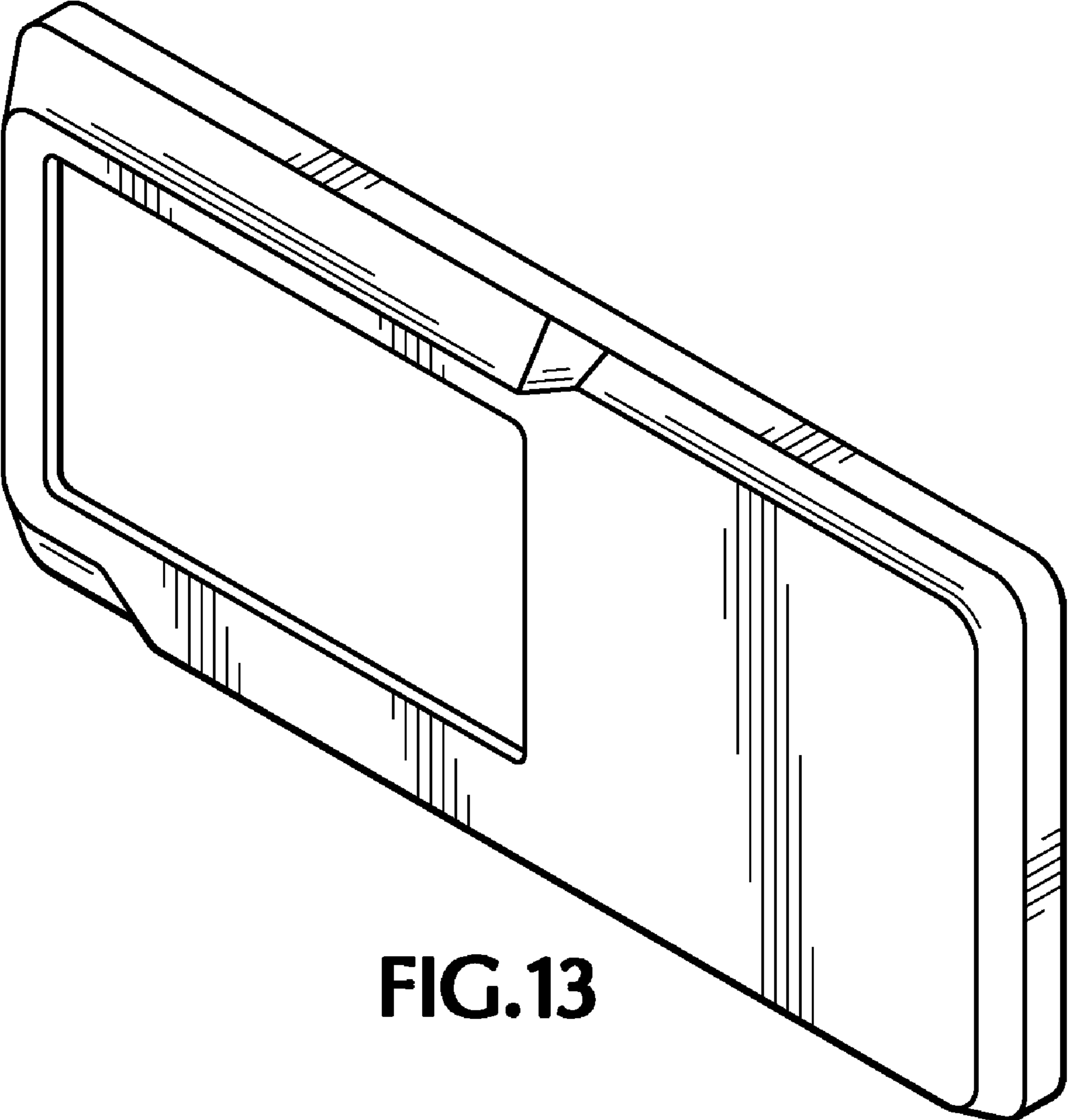


FIG.13

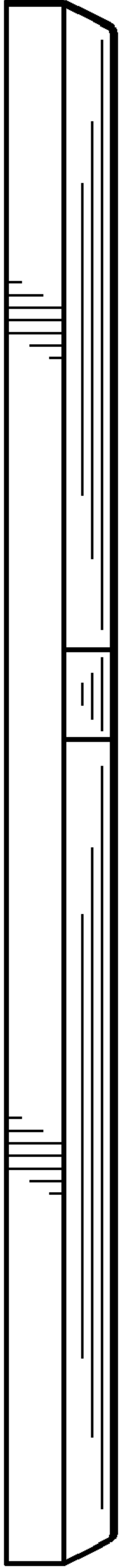


FIG. 17

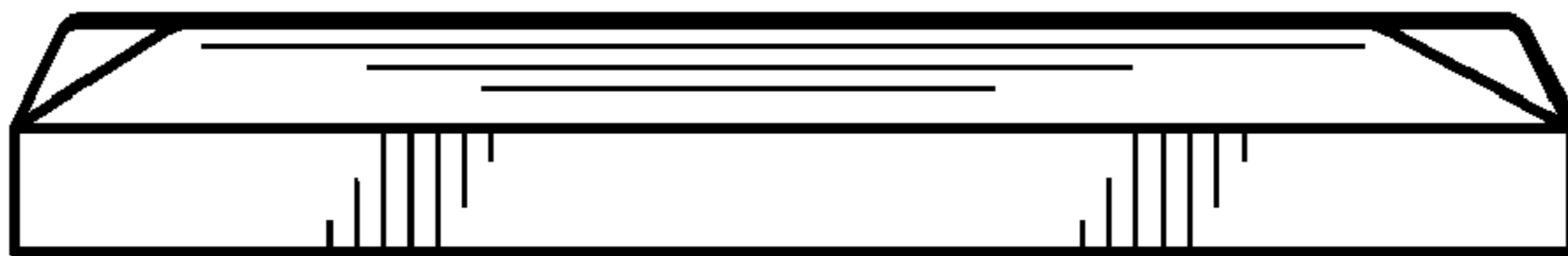


FIG. 15

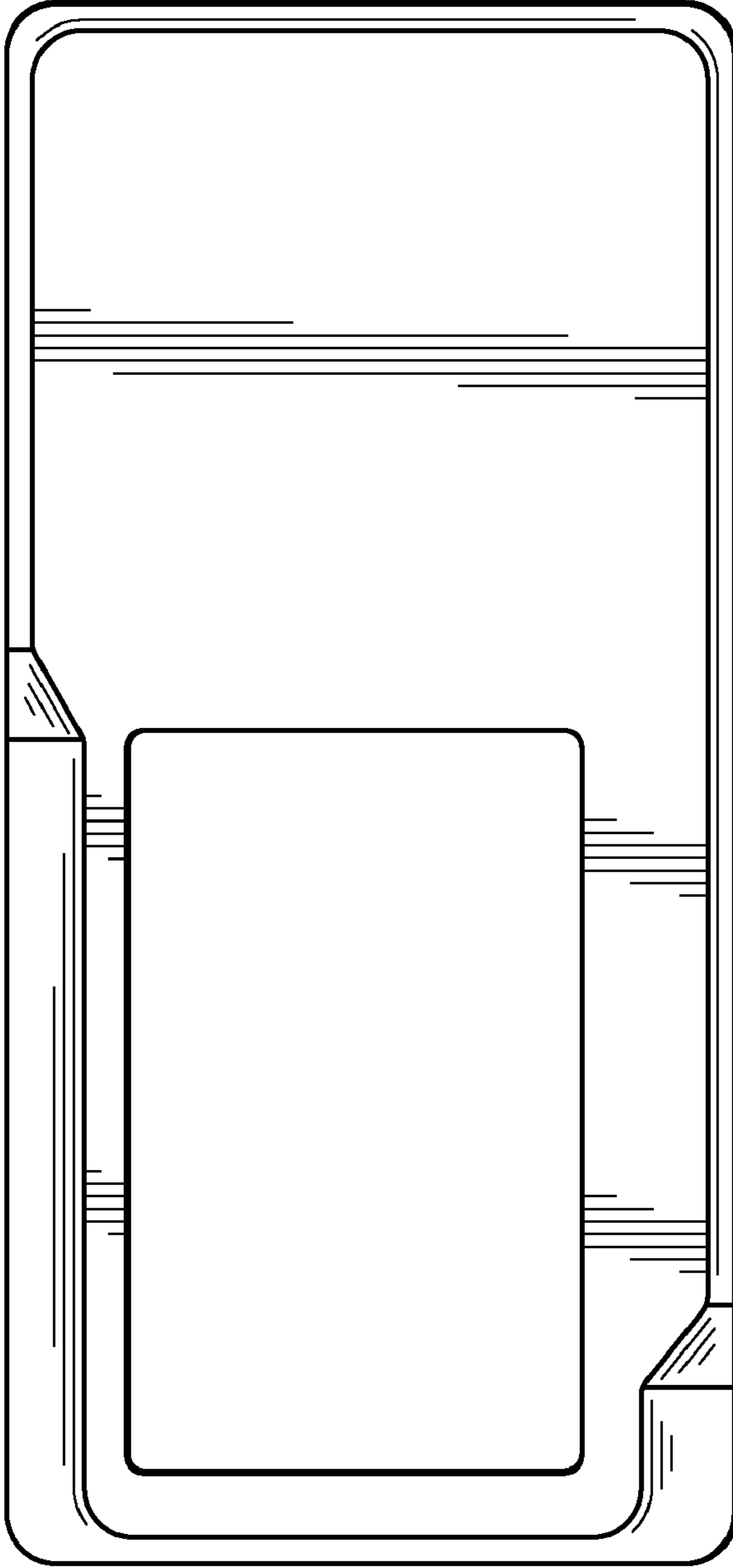


FIG. 14

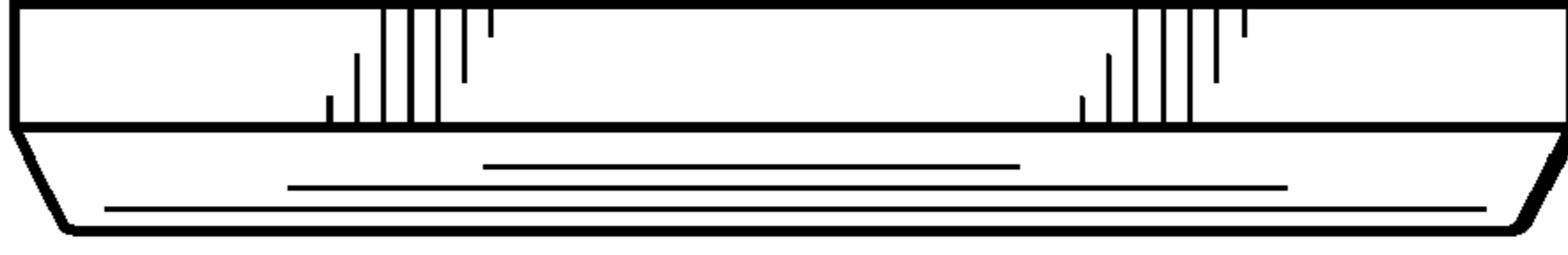


FIG. 16

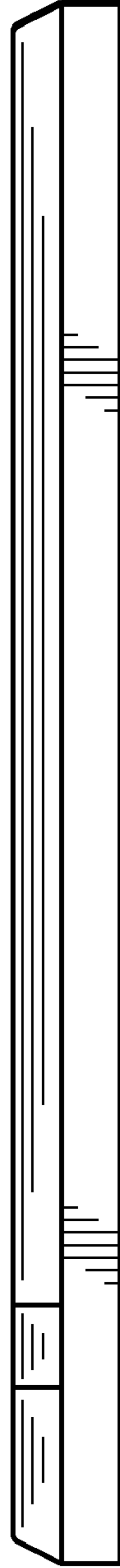


FIG. 18

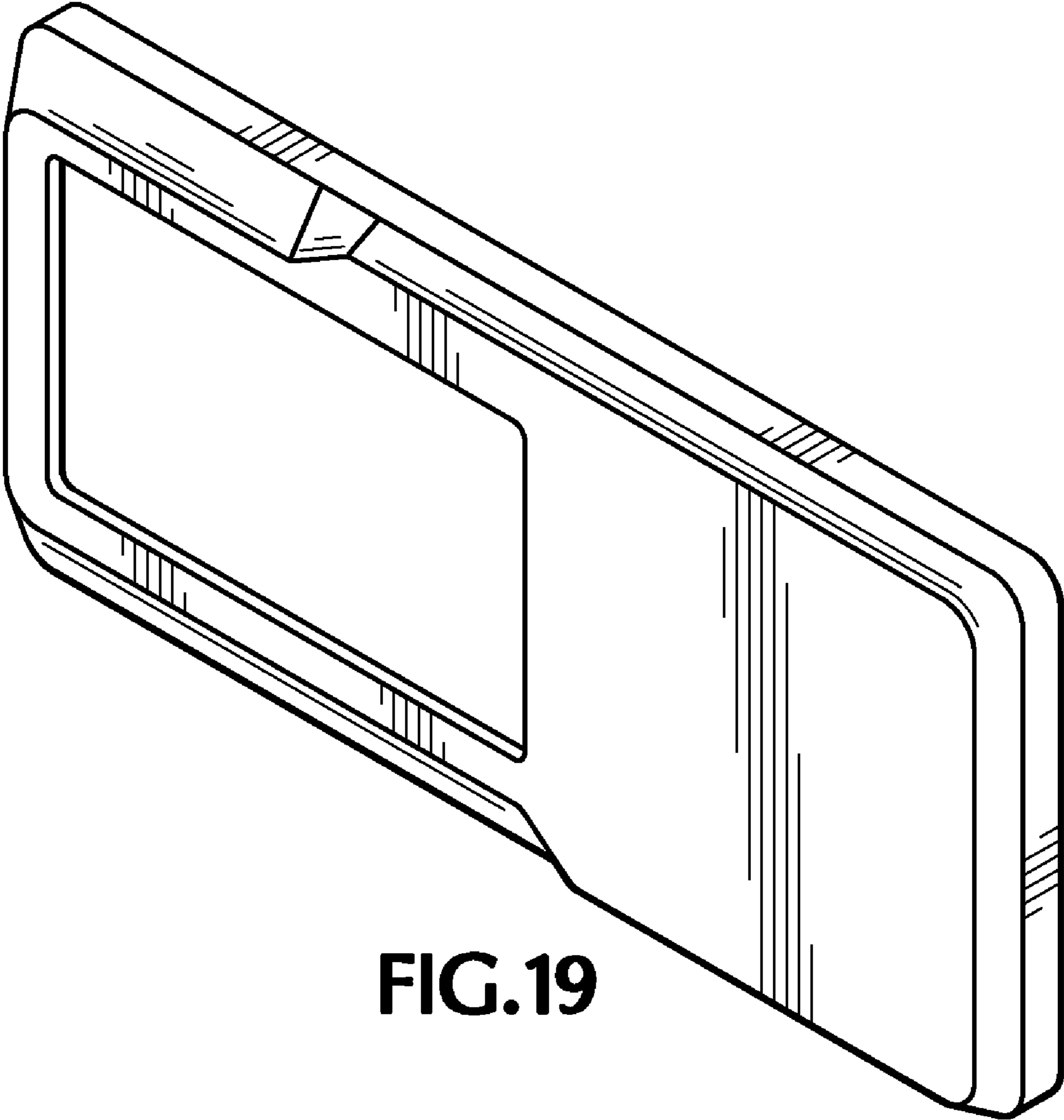


FIG.19

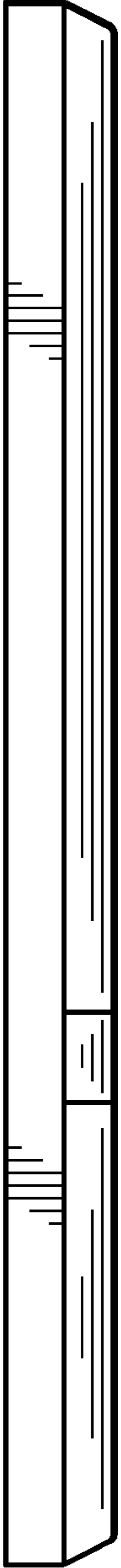


FIG. 23

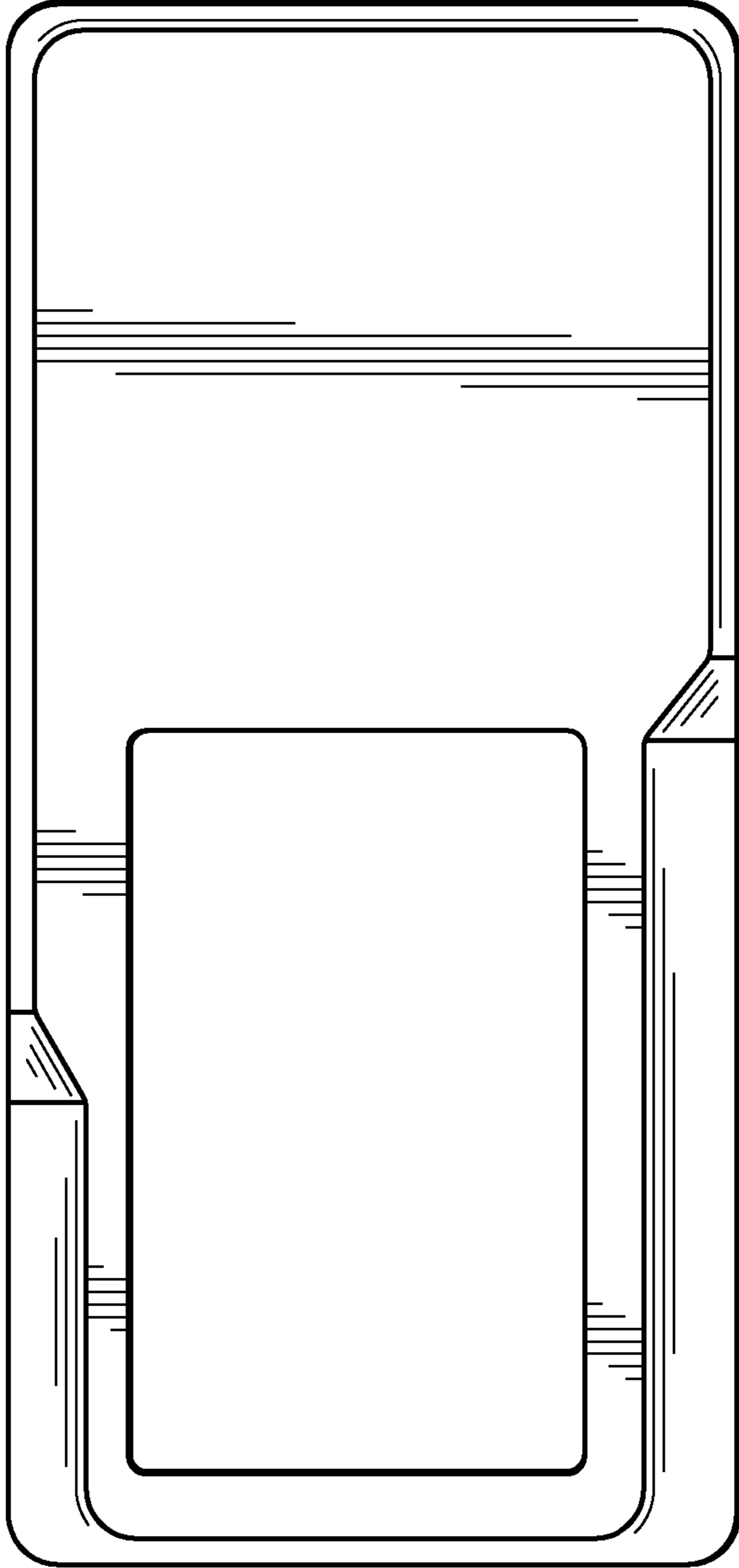


FIG. 20

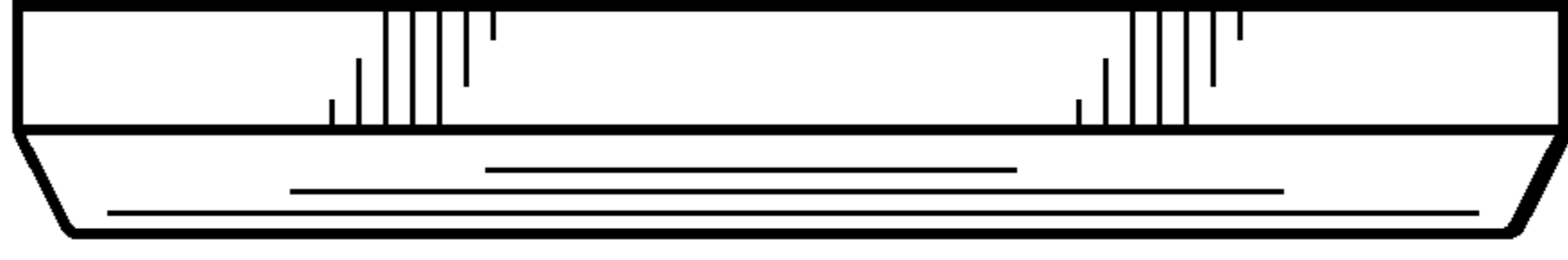


FIG. 22

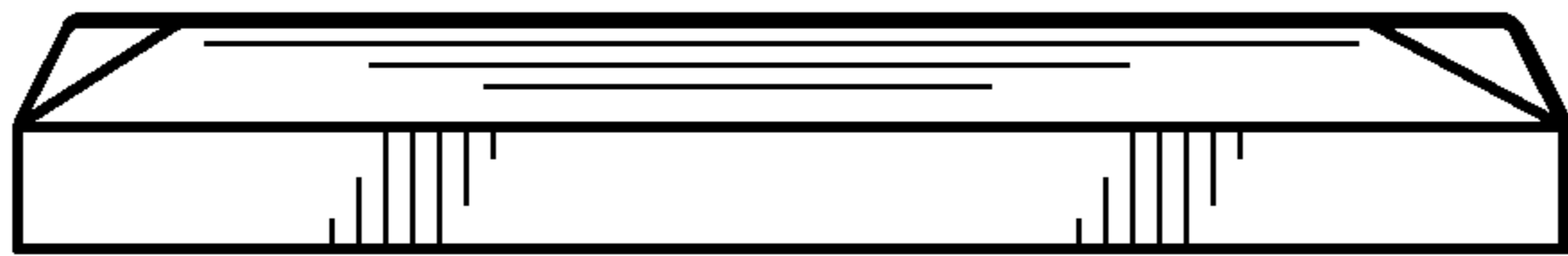


FIG. 21

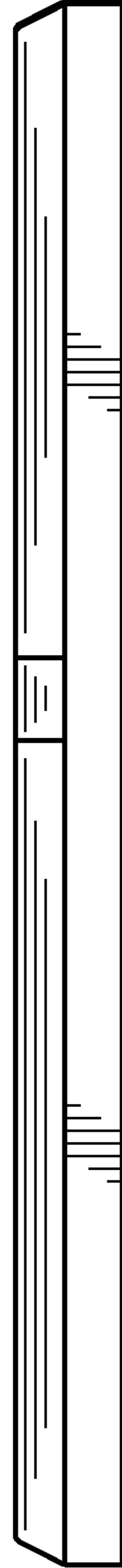


FIG. 24

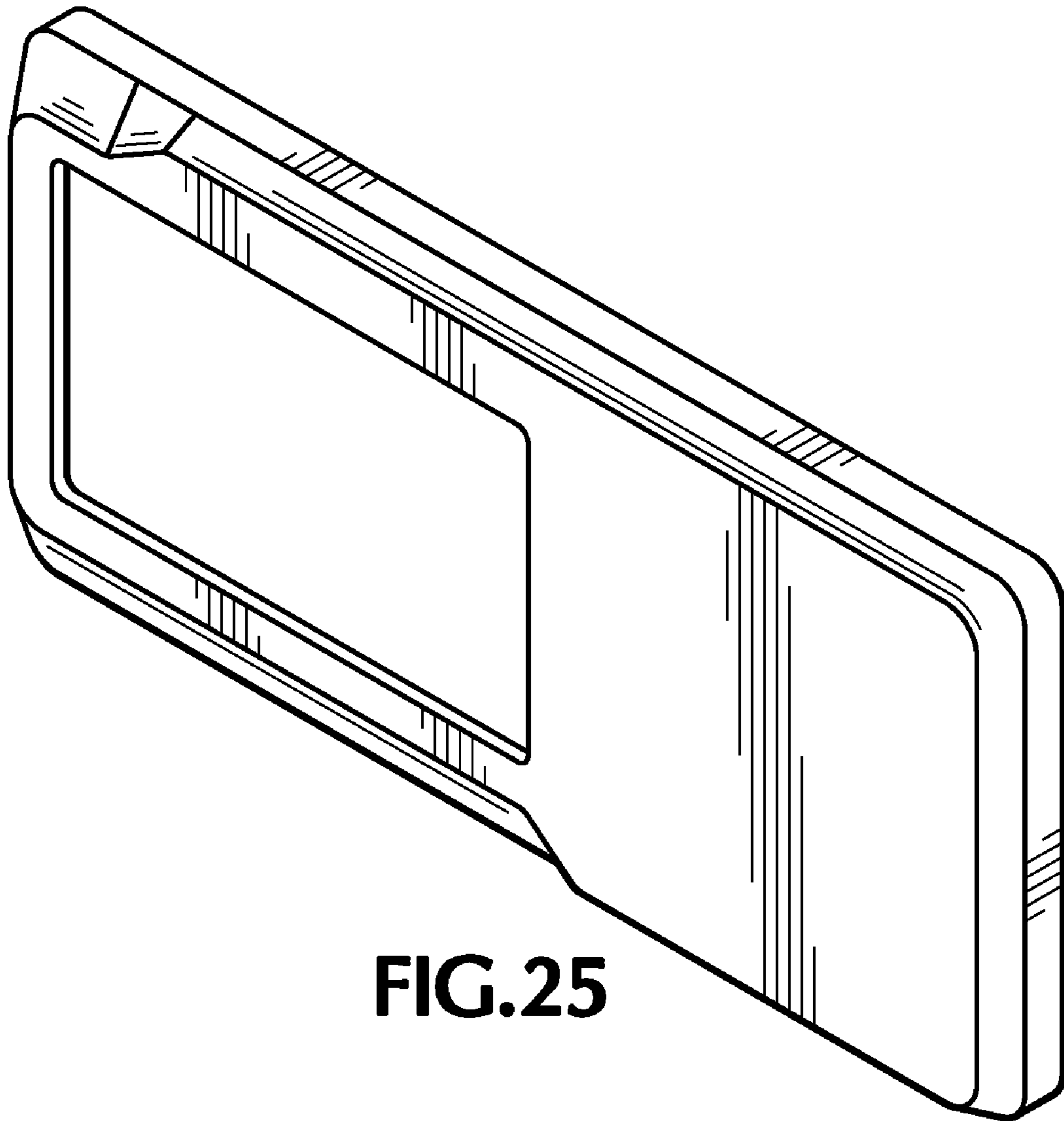


FIG. 25

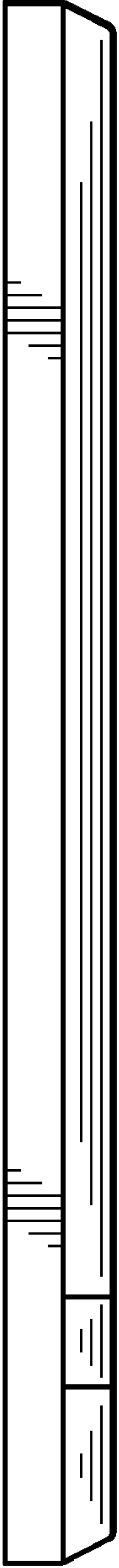


FIG. 29

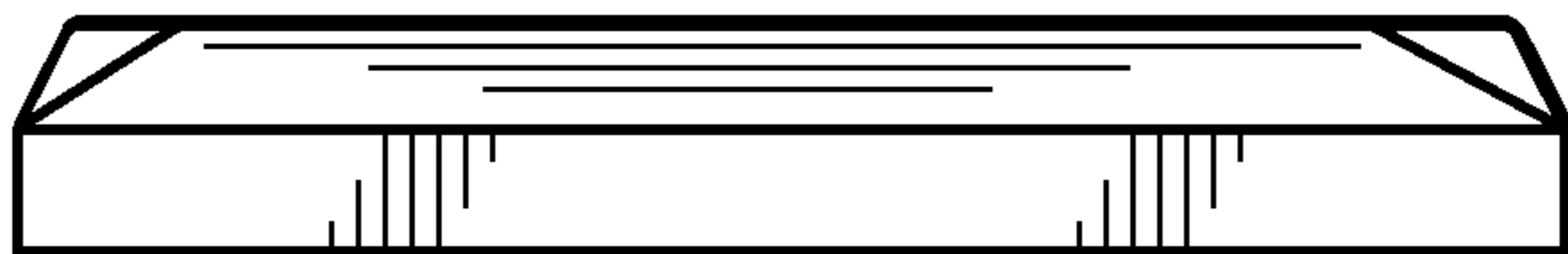


FIG. 27

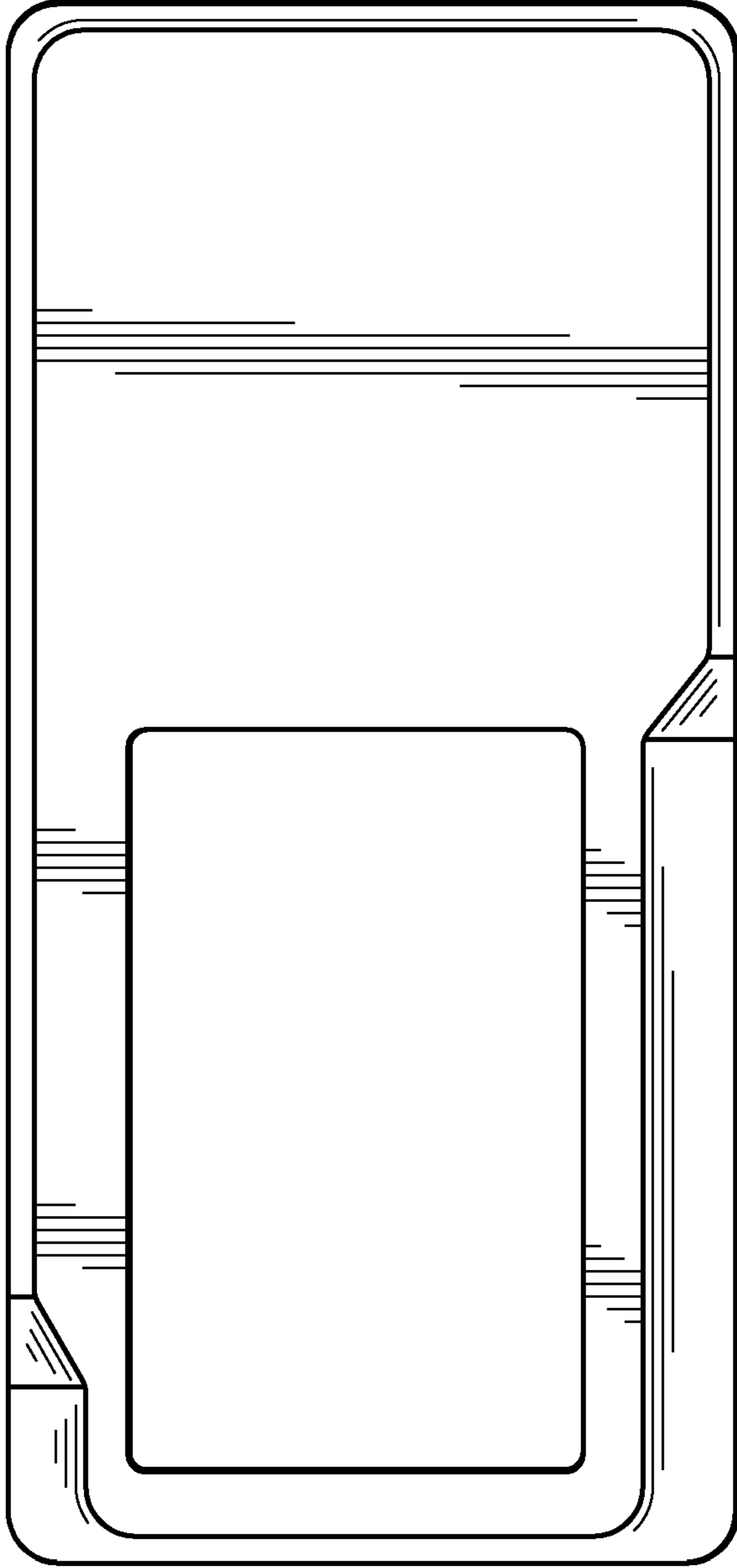


FIG. 26

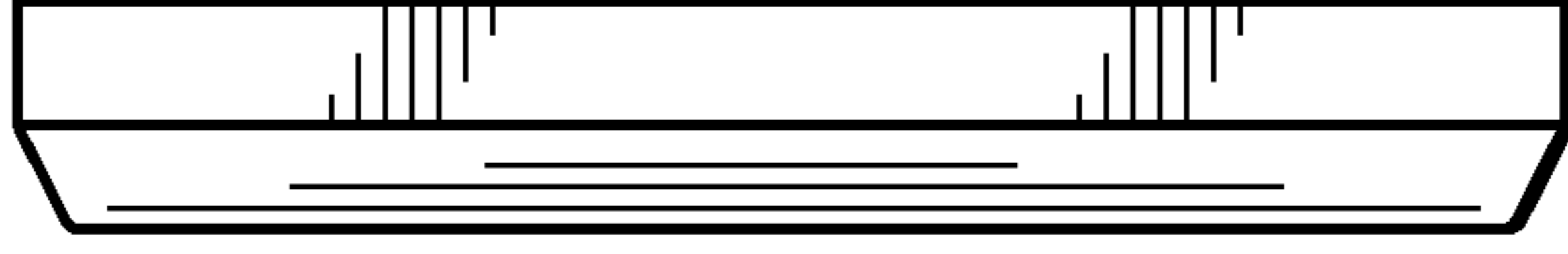


FIG. 28

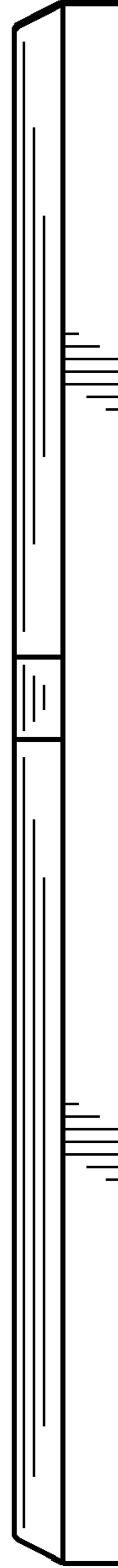


FIG. 30

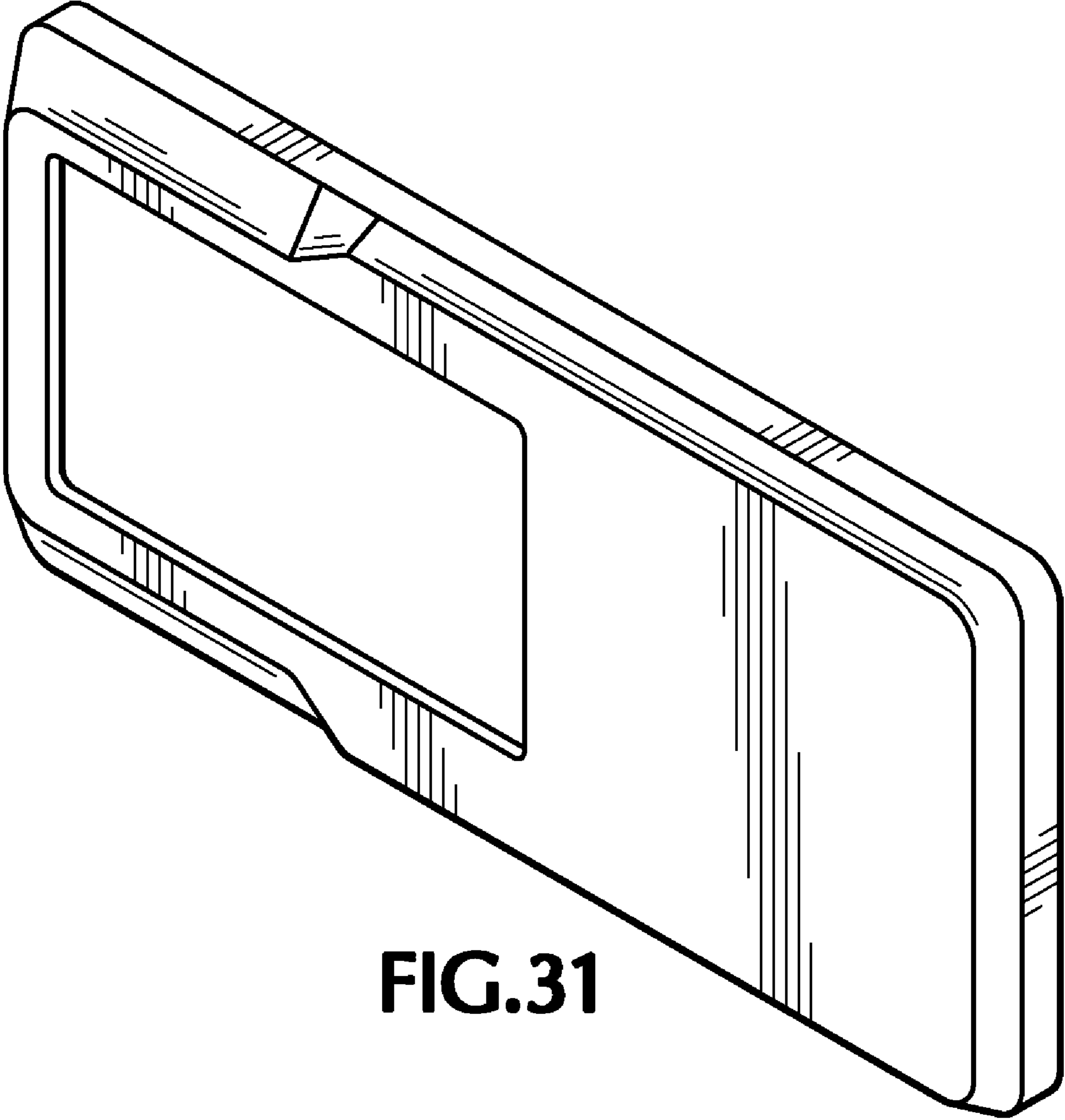


FIG.31

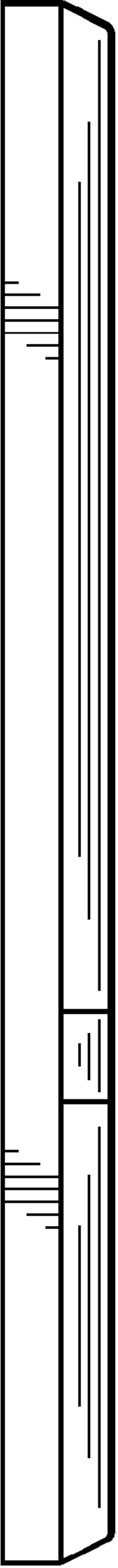


FIG. 35

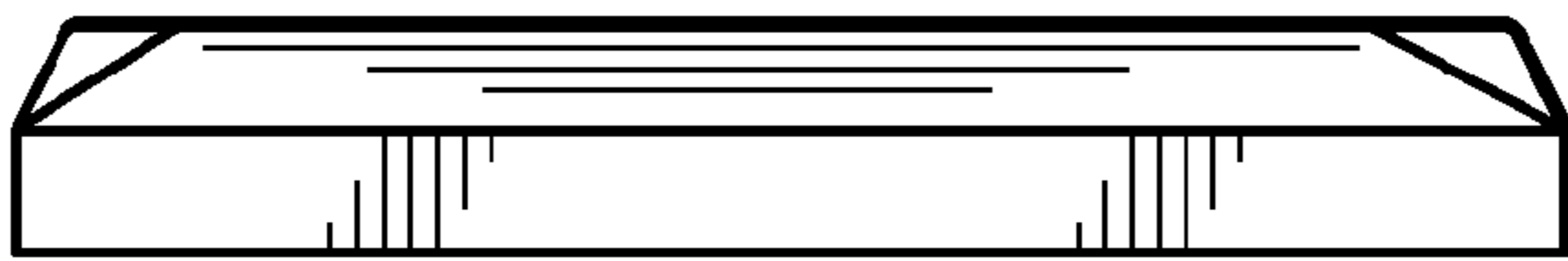


FIG. 33

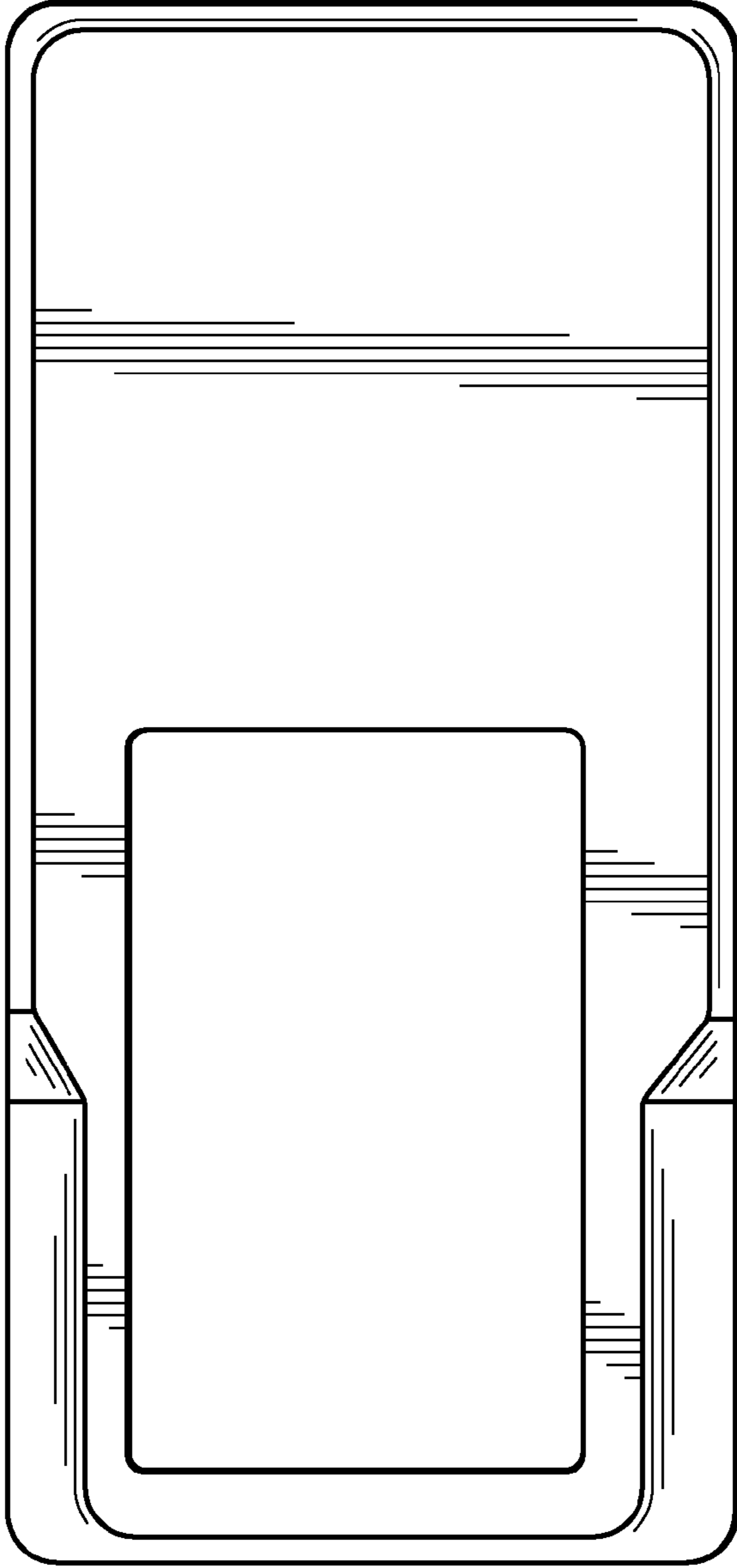


FIG. 32

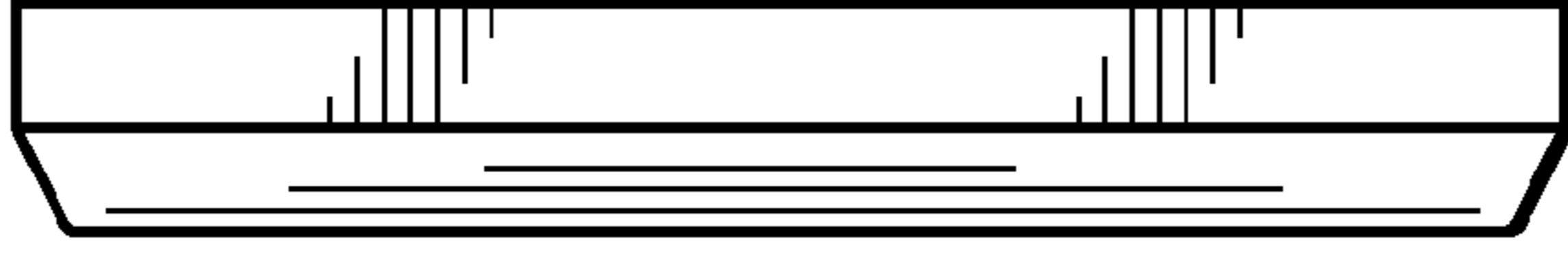


FIG. 34

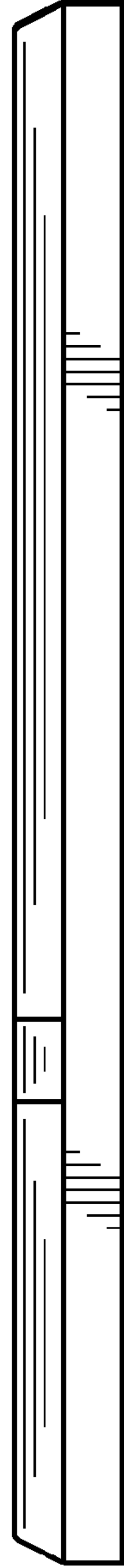


FIG. 36

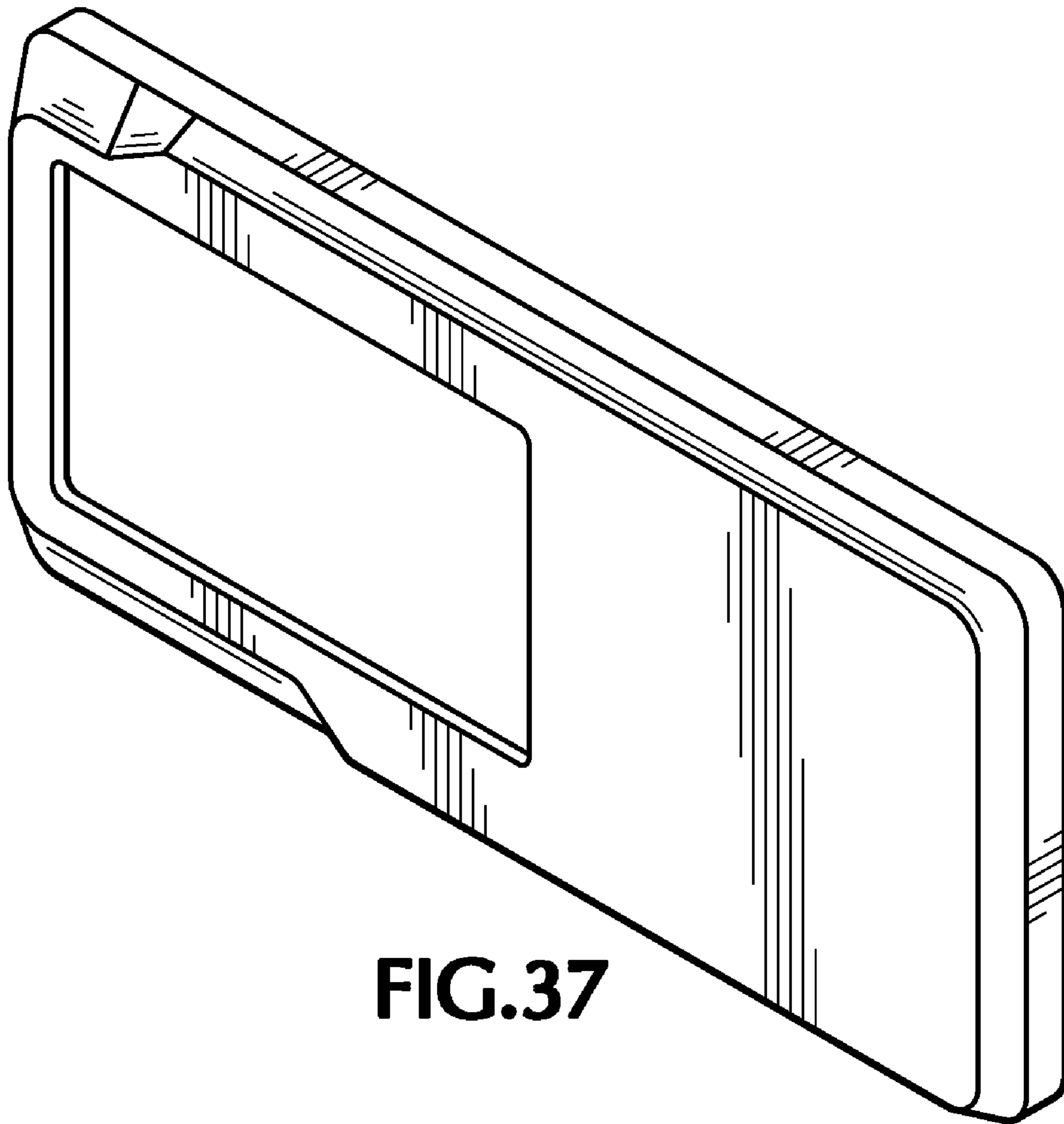


FIG.37



FIG. 41

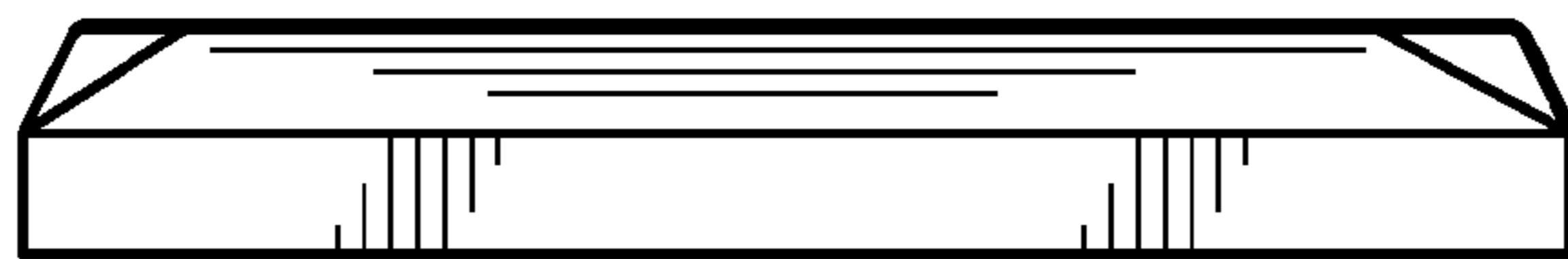


FIG. 39

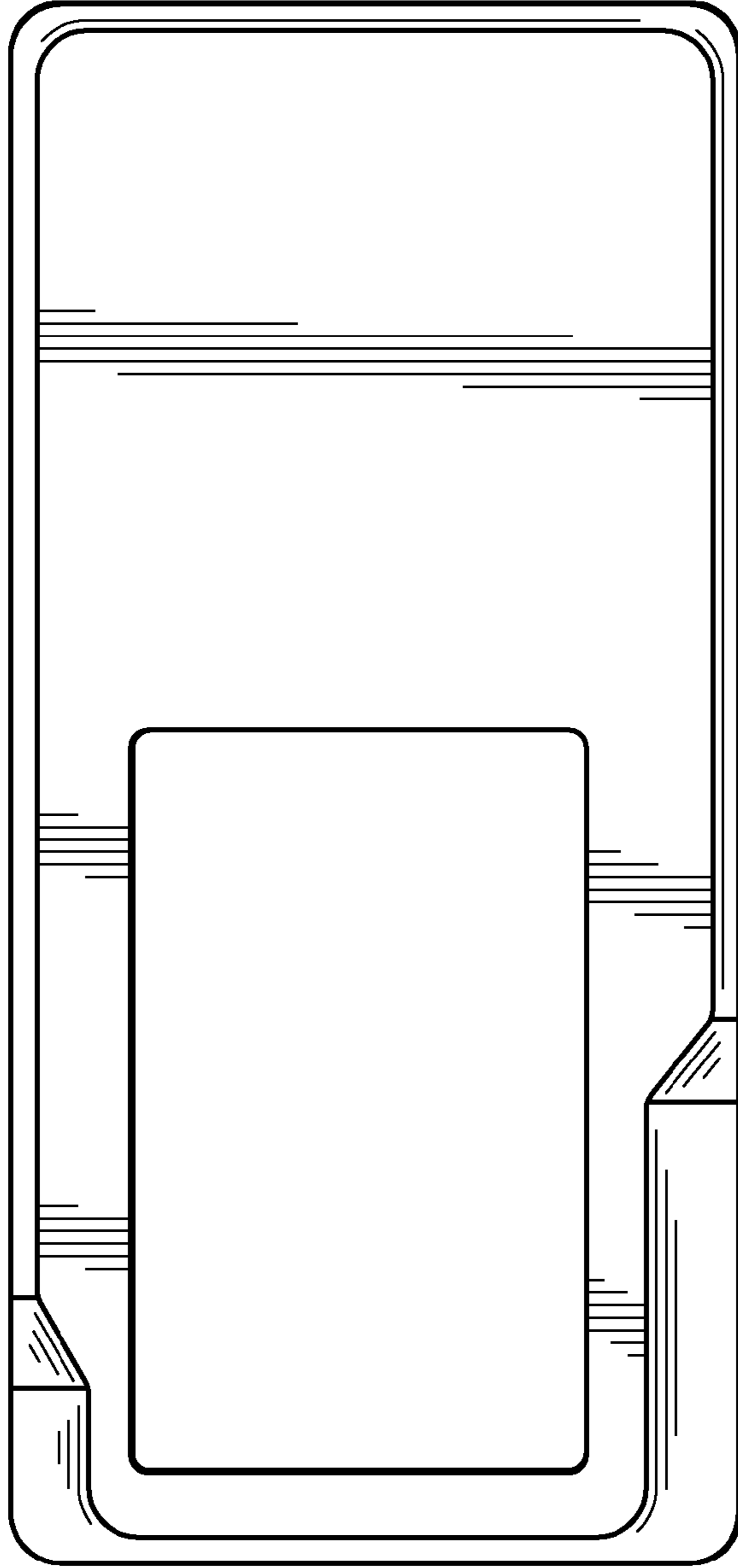


FIG. 38

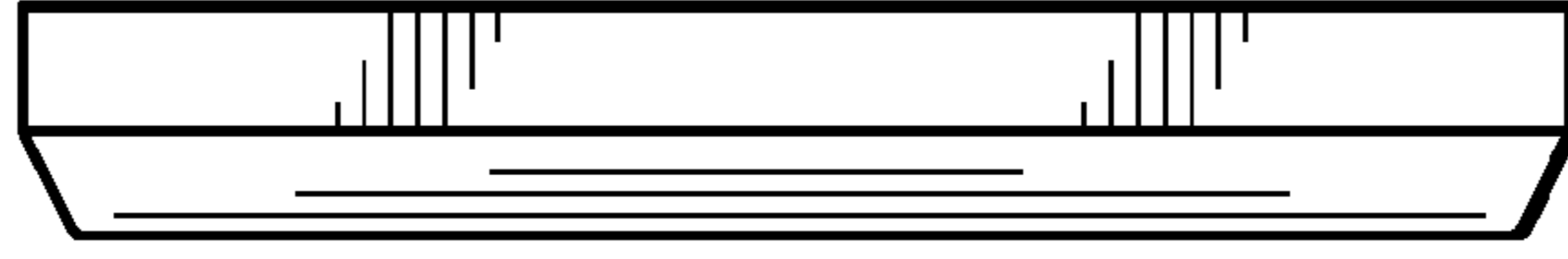


FIG. 40

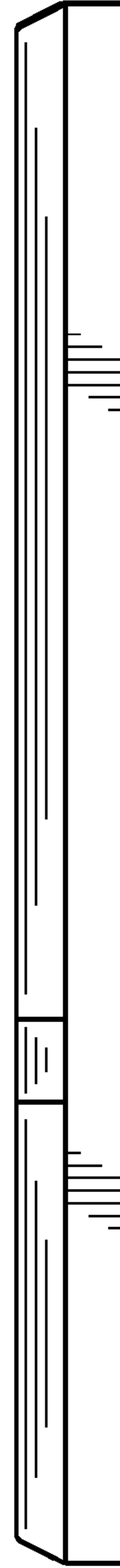


FIG. 42

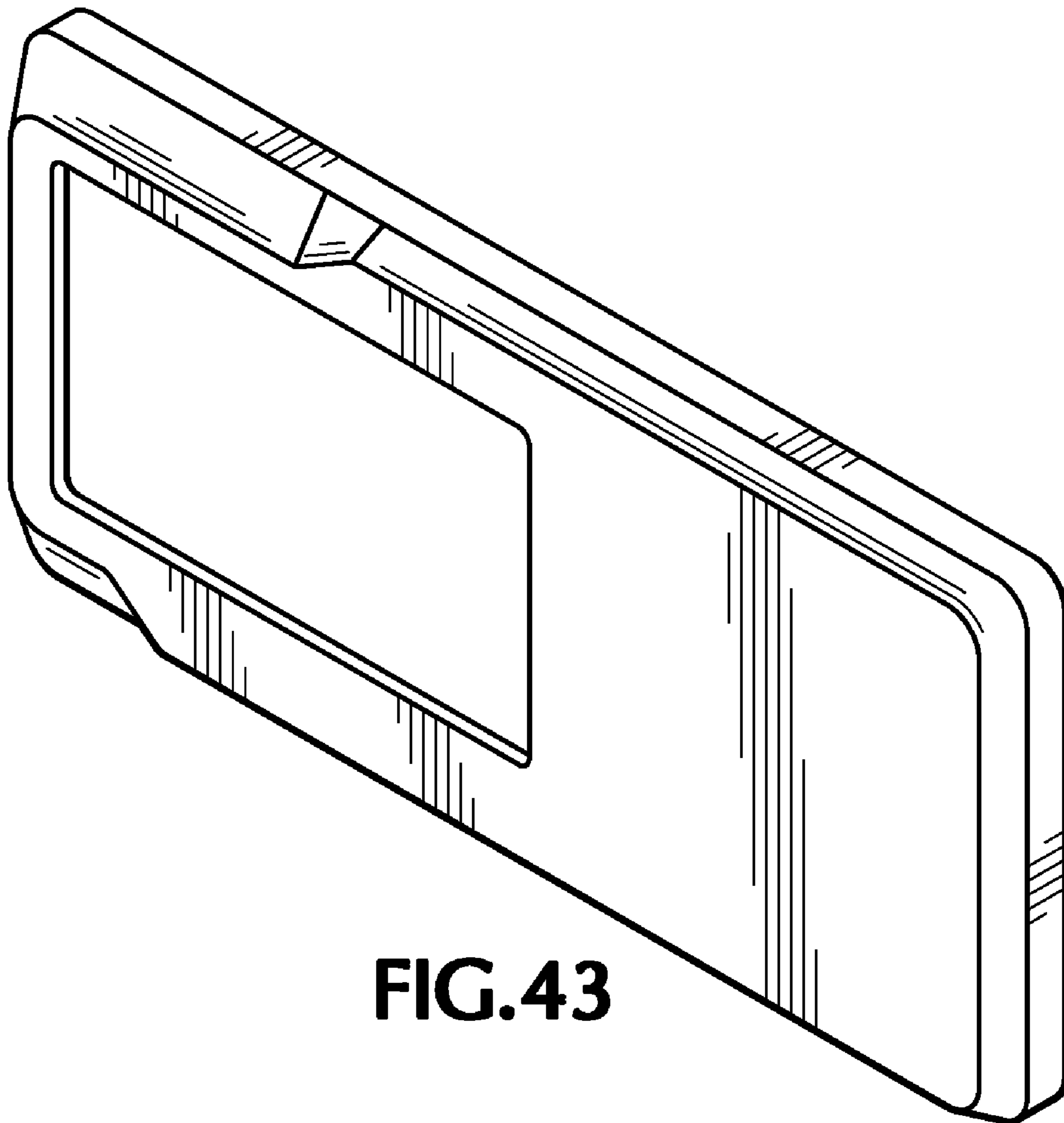


FIG. 43

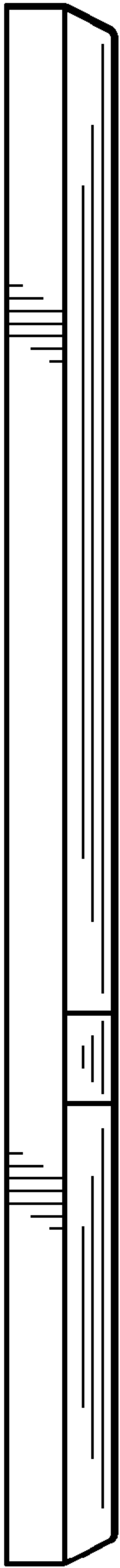


FIG. 47

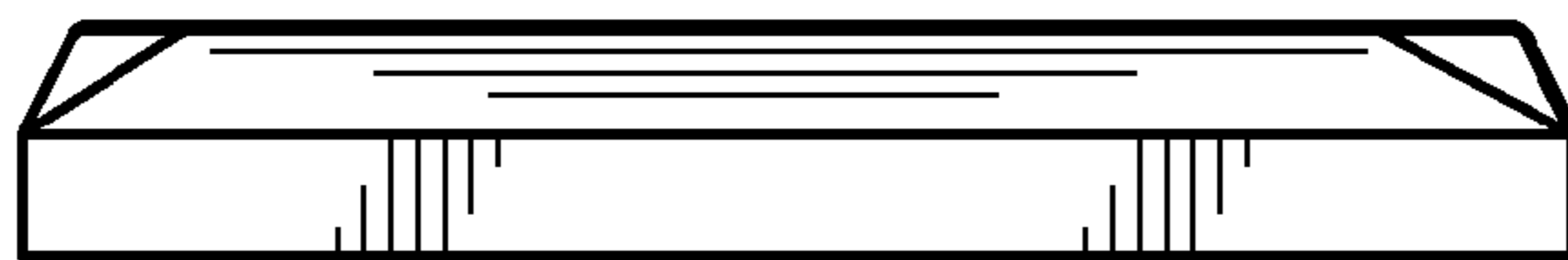


FIG. 45

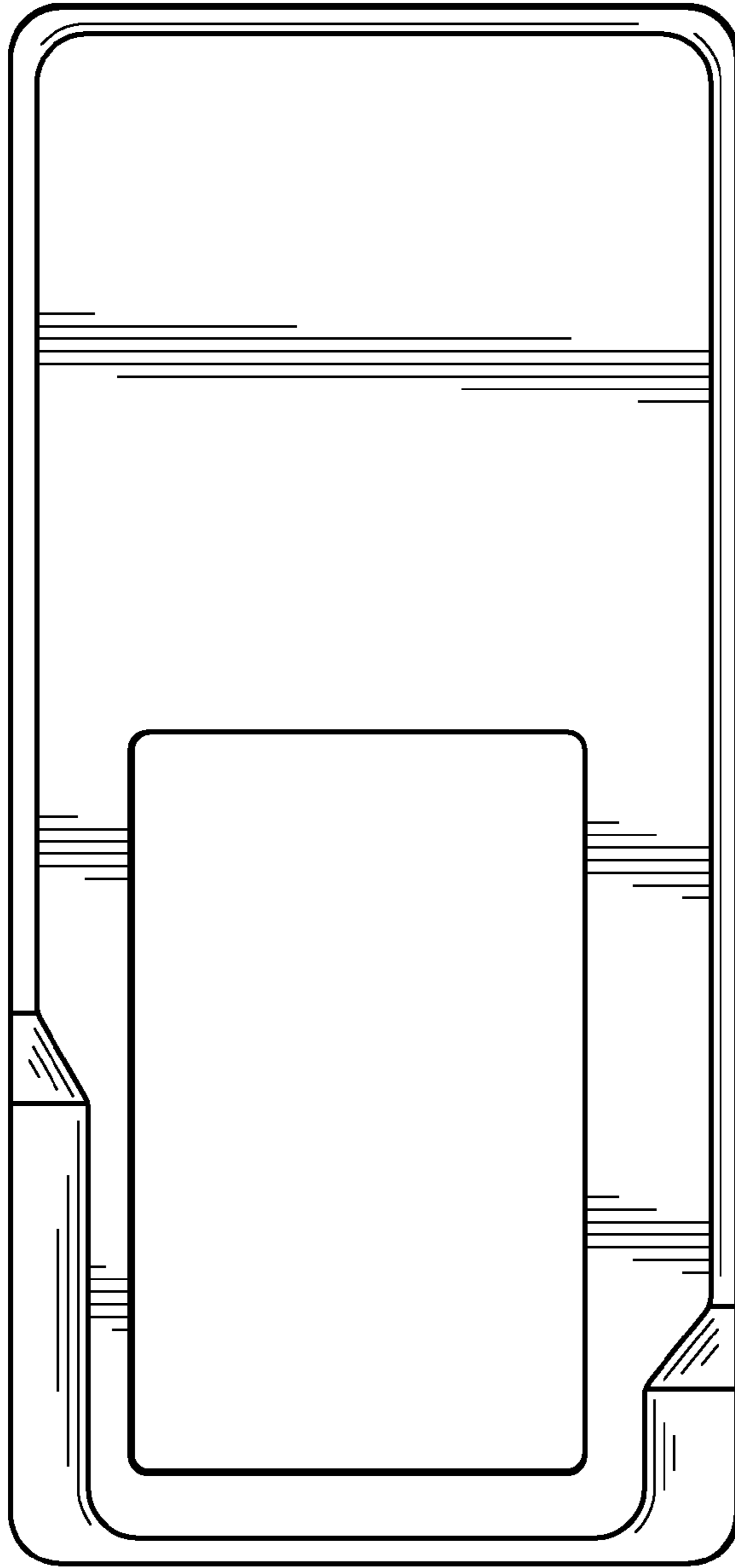


FIG. 44

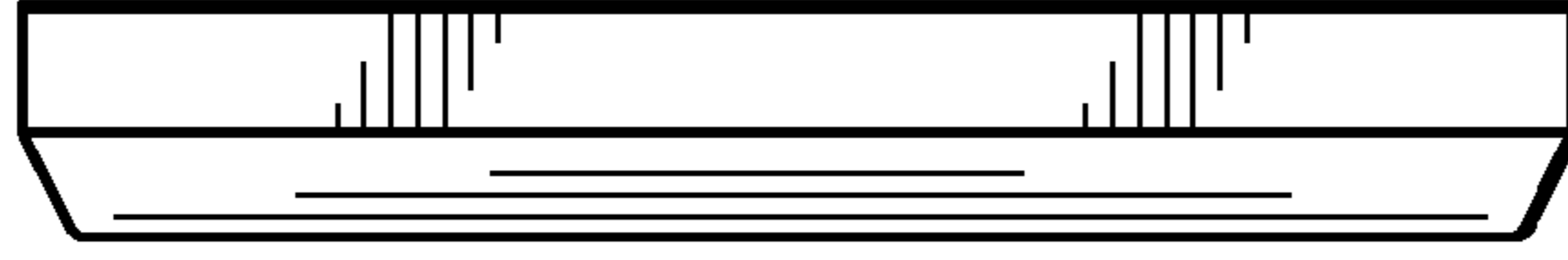


FIG. 46

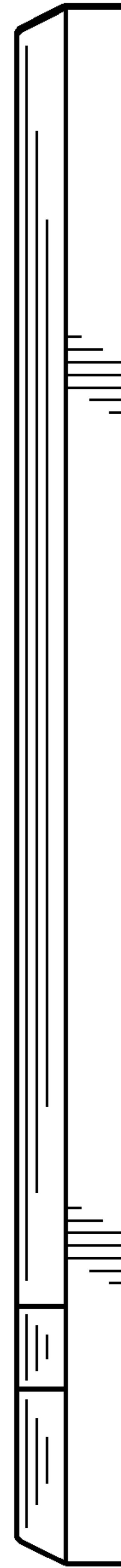


FIG. 48

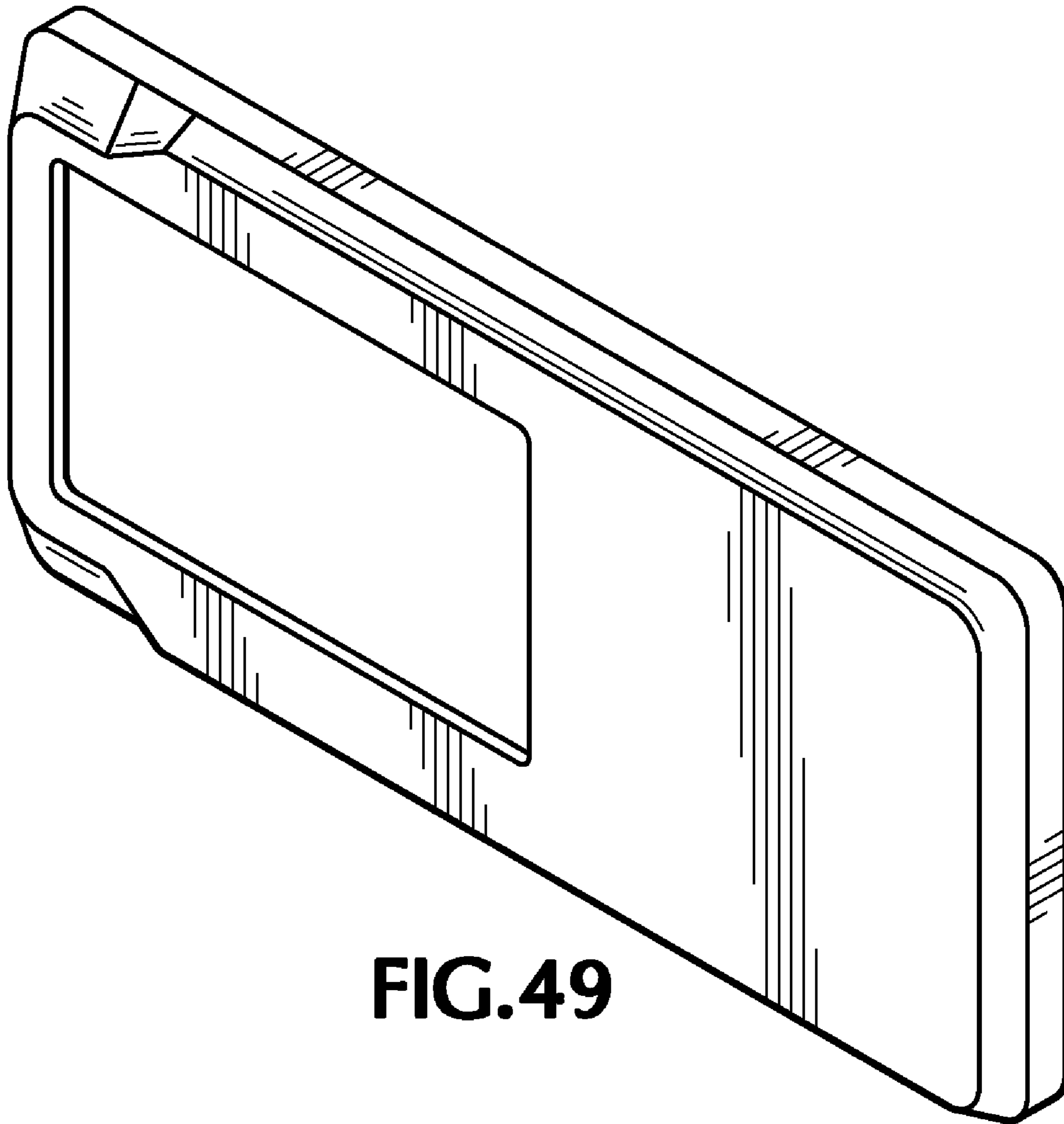


FIG.49

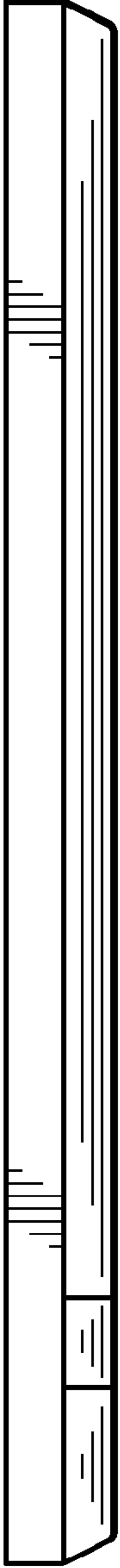


FIG. 53

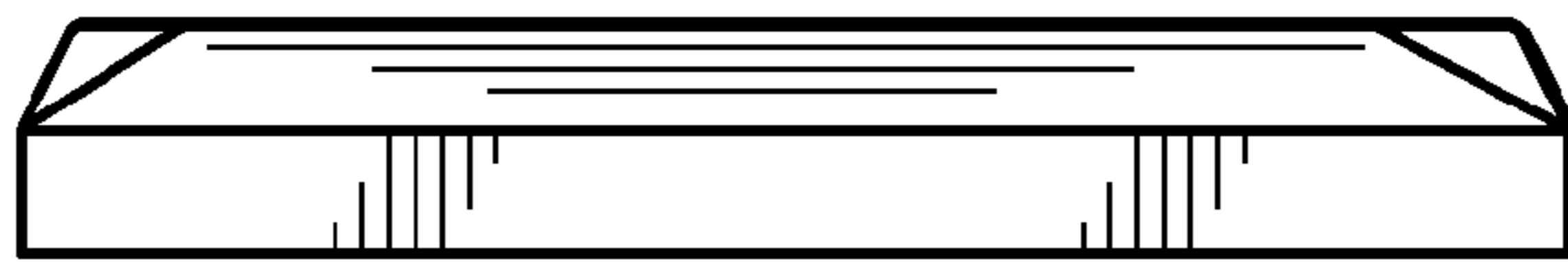


FIG. 51

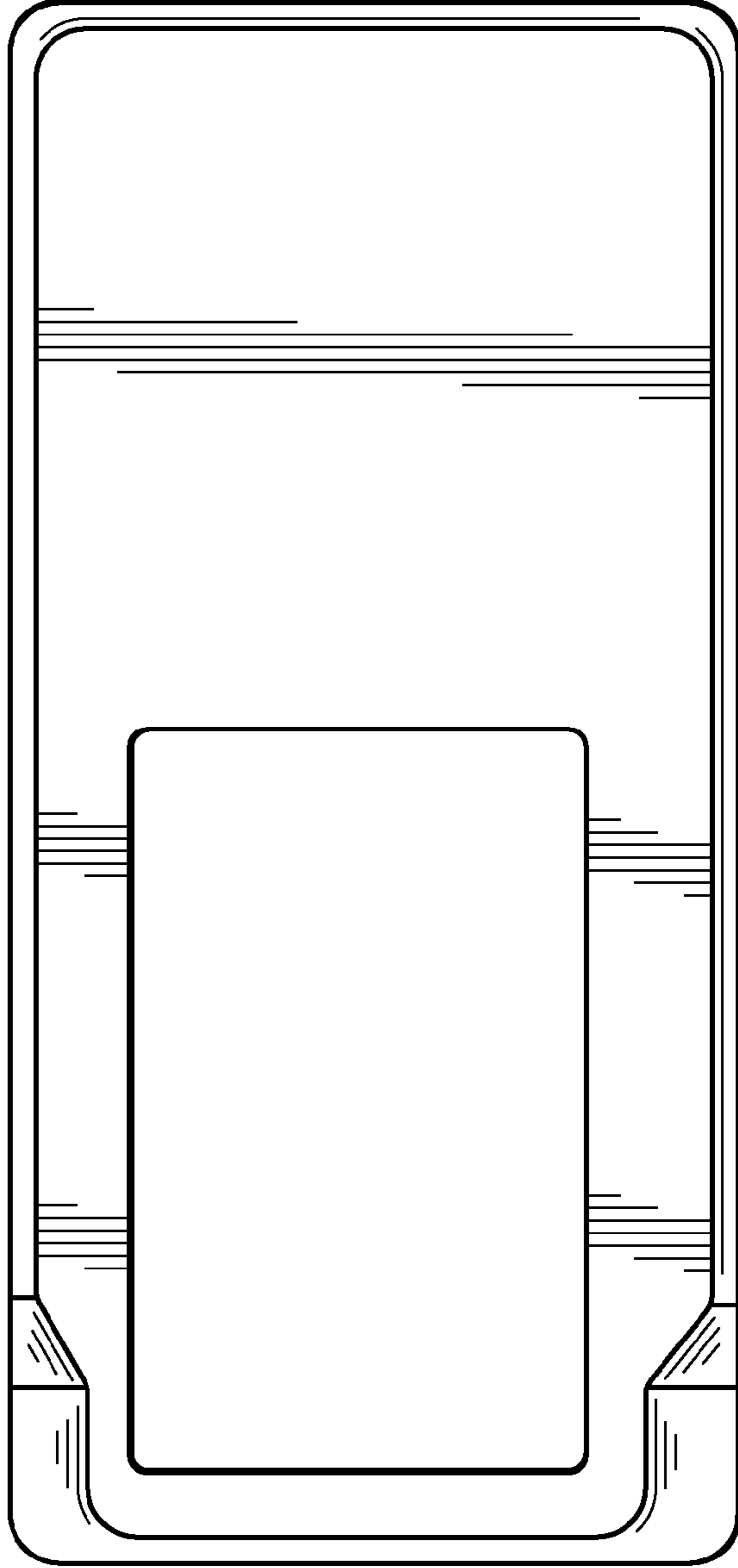


FIG. 50

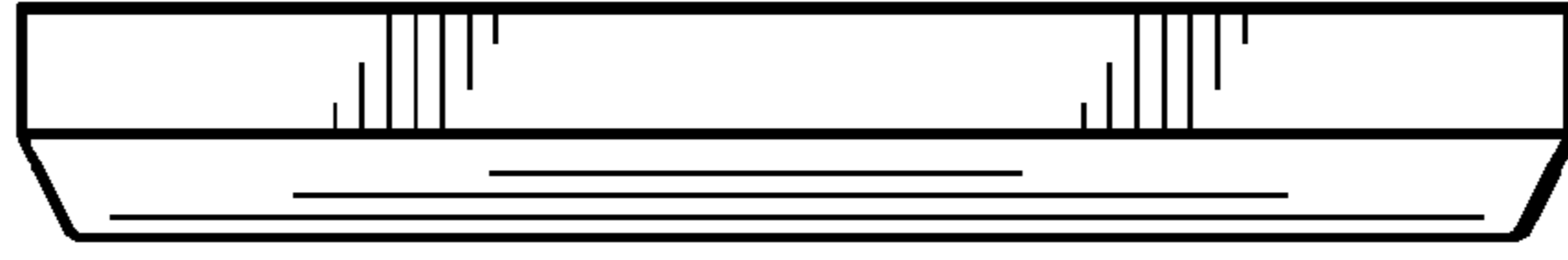


FIG. 52

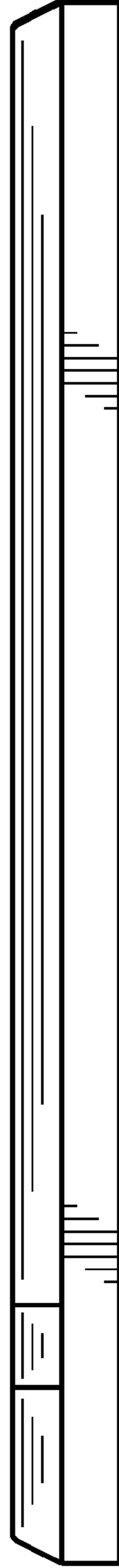


FIG. 54