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(12) **United States Design Patent** (10) **Patent No.:** **US D541,793 S**
Katsumata (45) **Date of Patent:** **** May 1, 2007**

(54) **COMBINED CHARGER AND INFRARED RAY EMITTER**

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(73) Assignee: **Sony Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/254,012**

(22) Filed: **Feb. 16, 2006**

(51) **LOC (8) Cl.** **14-03**

(52) **U.S. Cl.** **D14/240; D13/108**

(58) **Field of Classification Search** D14/240,
D14/242, 246, 192, 223, 137, 140.1, 140.4,
D14/356, 358; D13/108, 184, 123; 181/129-130;
379/430, 431, 433.01, 420.03, 957, 52, 106.1,
379/333-337, 387.01, 399.01, 413.02, 413.04;
455/569.1, 510, 524; 439/717
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D317,311 S * 6/1991 Anderson et al. D14/240
D324,370 S * 3/1992 Lay et al. D13/108
D341,787 S * 11/1993 Chan D10/106
D351,158 S * 10/1994 Sacherman et al. D14/137
D354,041 S * 1/1995 Scheid et al. D13/108
D358,380 S * 5/1995 Sakaguchi D14/357
D363,917 S * 11/1995 Kanou et al. D13/108
D368,892 S 4/1996 Tanaka
D408,406 S 4/1999 Shindo

D410,922 S 6/1999 Komiyama
D453,331 S * 2/2002 Probasco et al. D14/240
D460,452 S * 7/2002 Yoshie D14/358
D483,328 S * 12/2003 Suzuki D13/108
D490,404 S * 5/2004 Chan D14/240
D509,789 S * 9/2005 Motoishi D13/108
D520,503 S * 5/2006 Shimizu D14/356
D523,854 S * 6/2006 Rinna et al. D14/358
D528,979 S * 9/2006 Franck et al. D13/108

FOREIGN PATENT DOCUMENTS

JP D1230125 S 2/2004

* cited by examiner

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PLLC

(57) **CLAIM**

The ornamental design for a combined charger and infrared ray emitter, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a combined charger and infrared ray emitter showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets

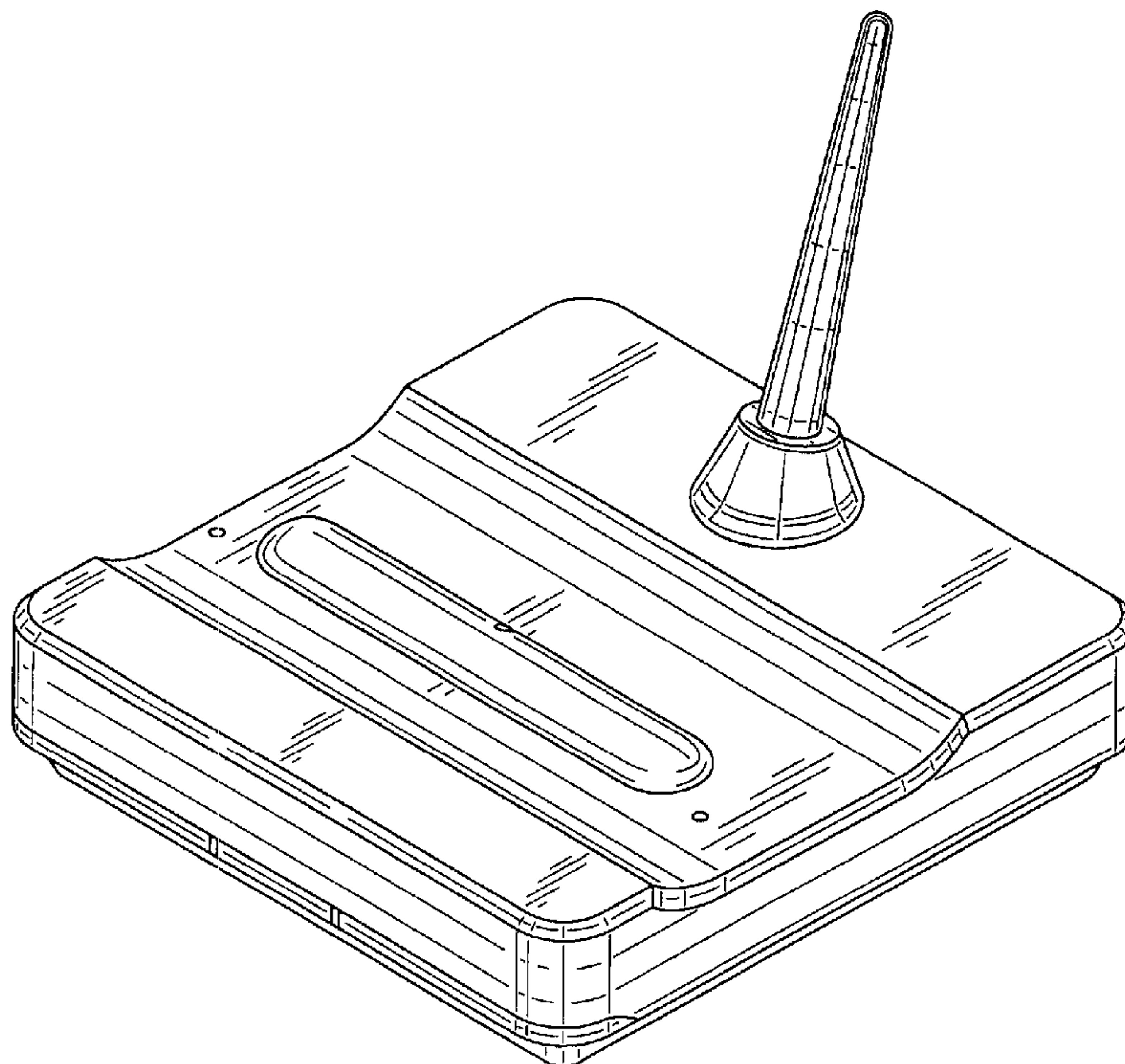


Fig.1

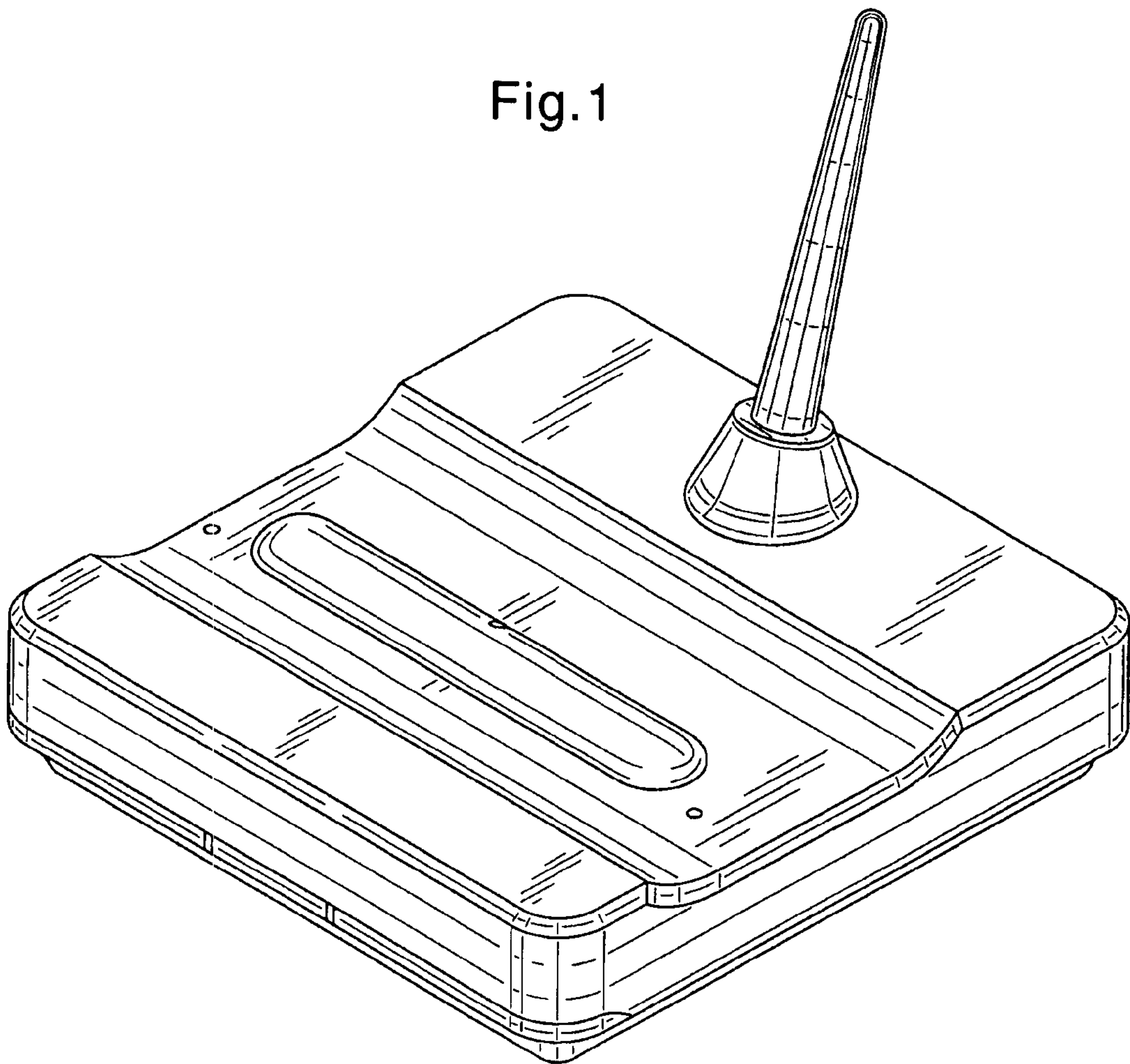


Fig.2

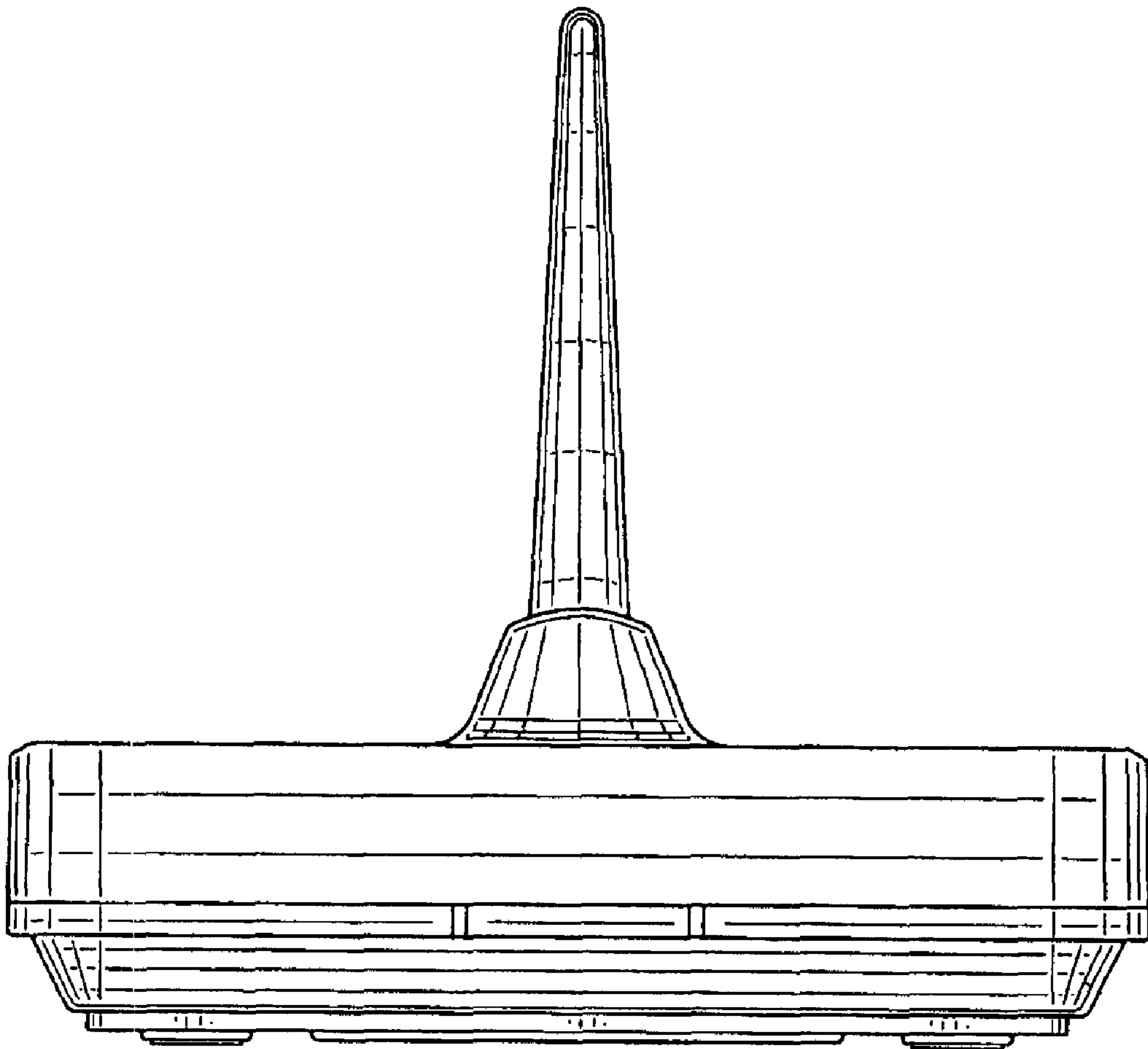


Fig.3

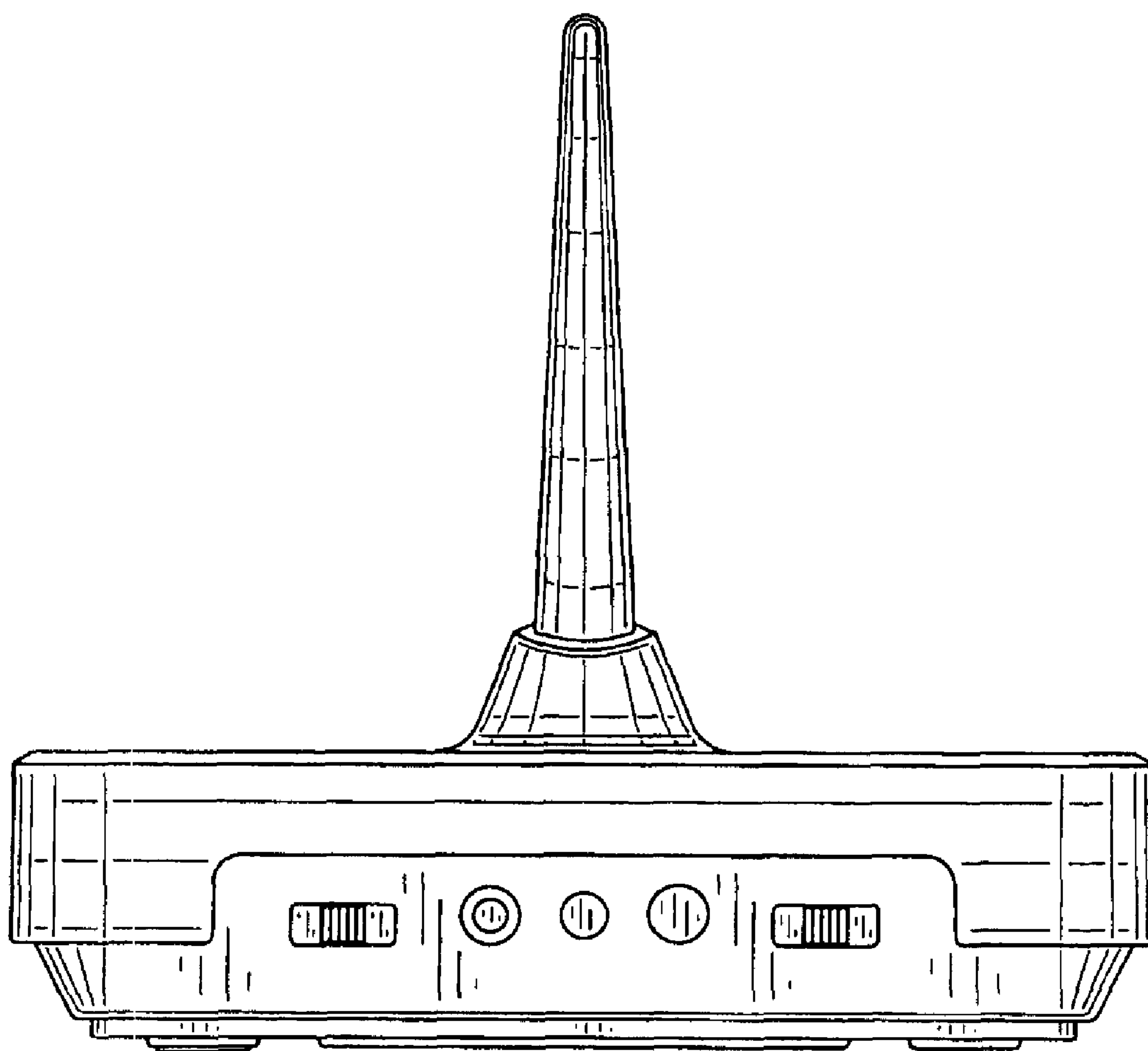


Fig.4

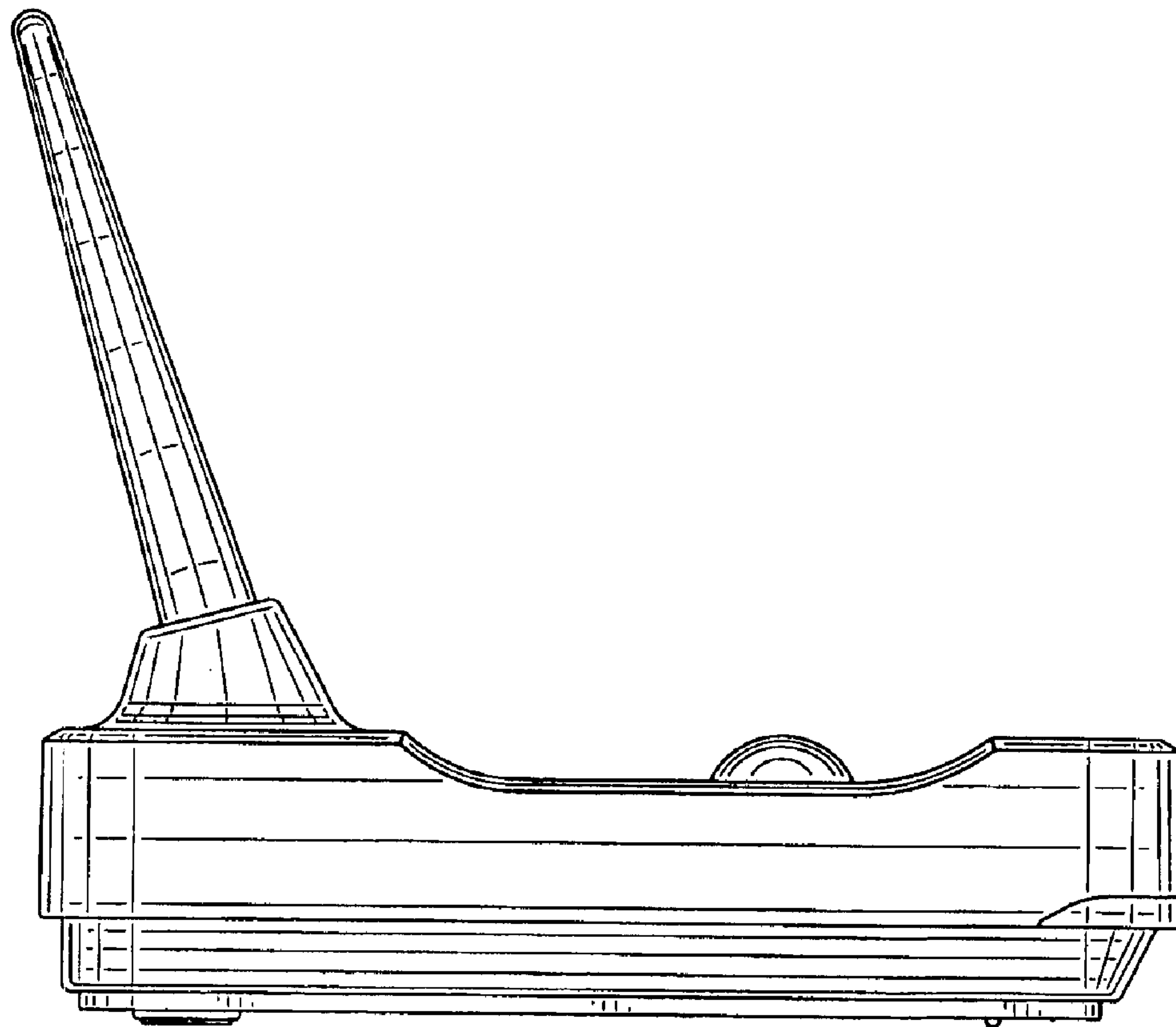


Fig.5

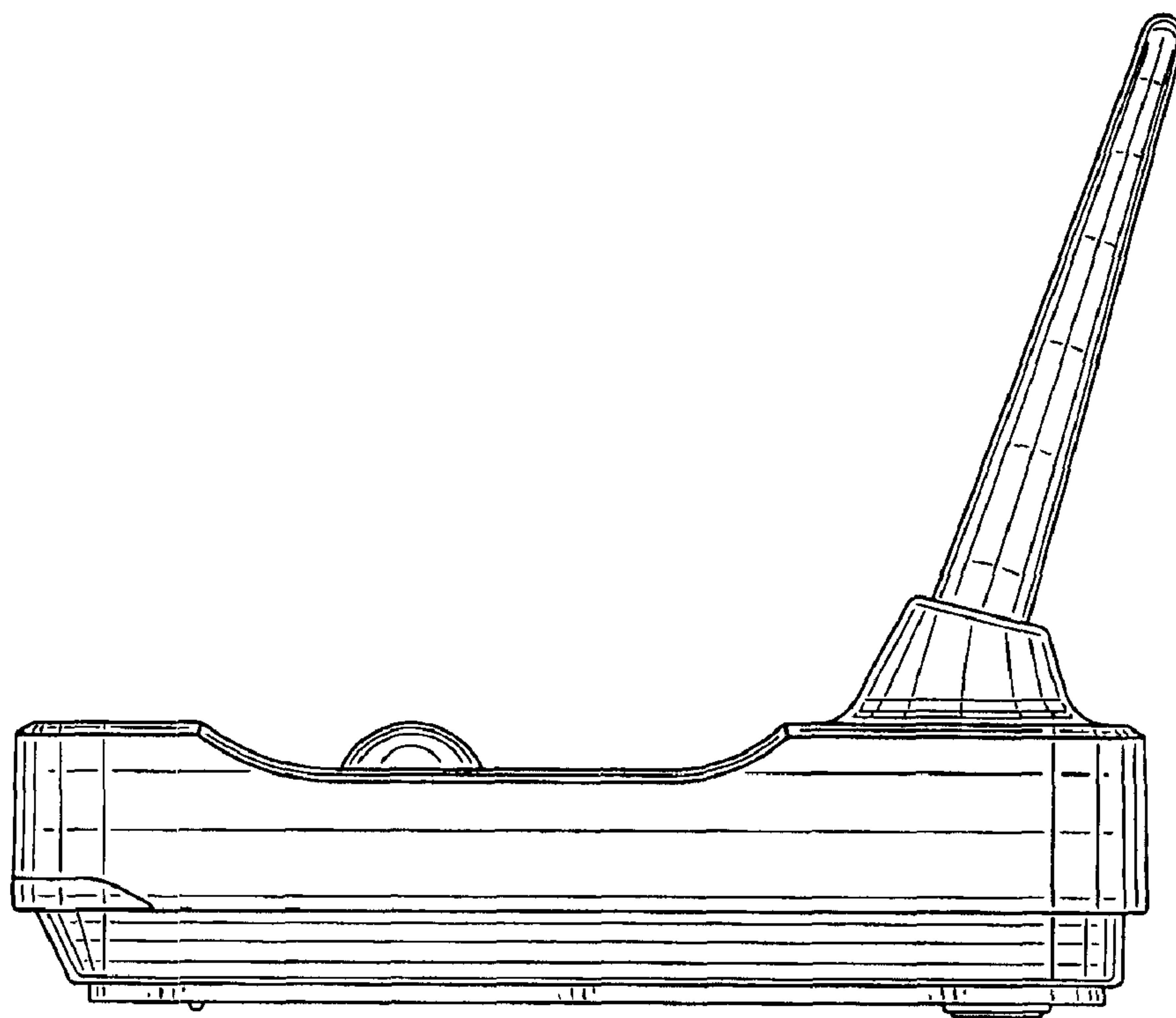


Fig.6

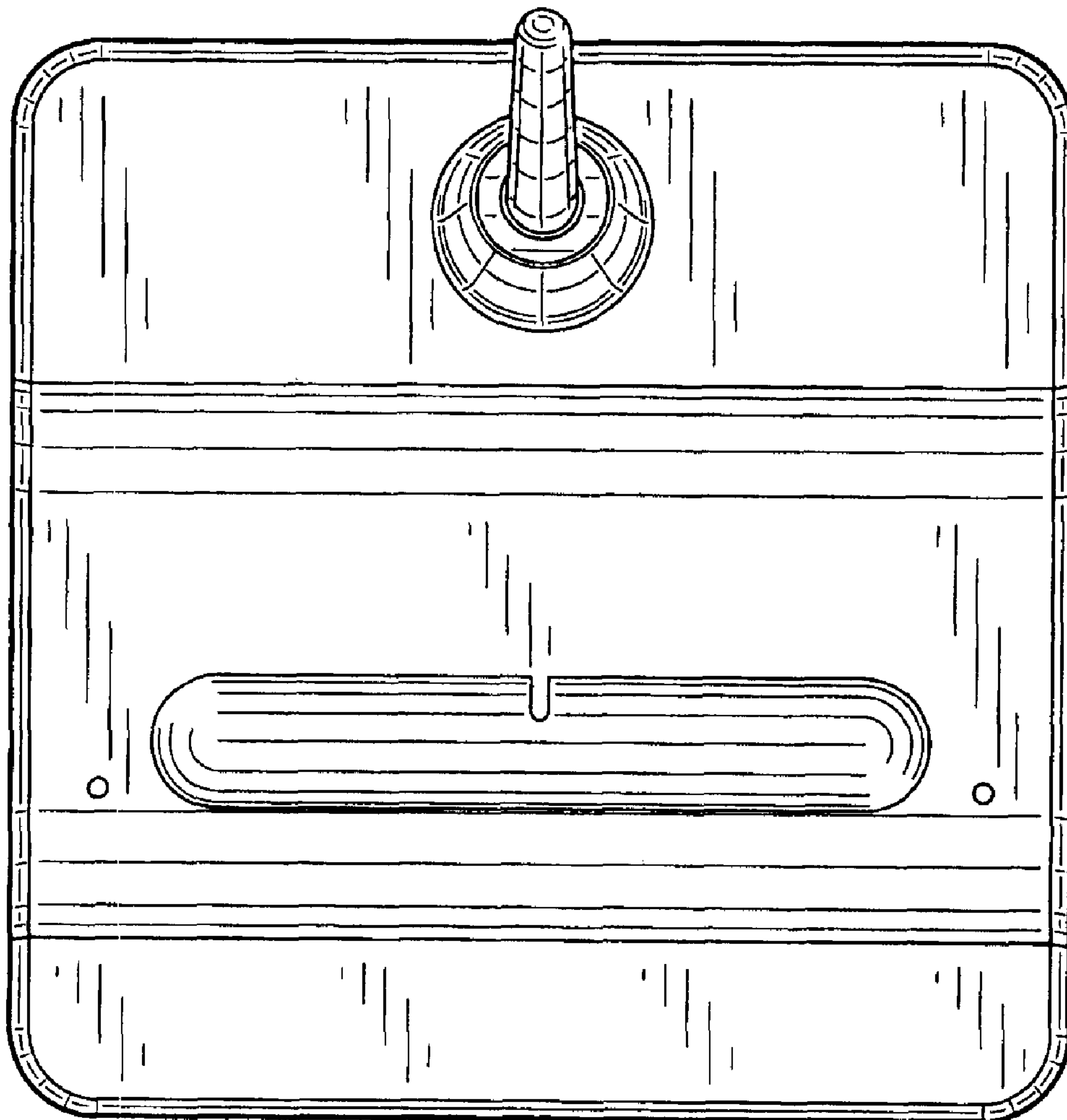


Fig.7

