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(12) United States Design Patent (10) Patent No.:

Muramatsu

(10) I atent 110..

US D453,329 S

(45) Date of Patent: ** Feb. 5, 2002

(54) ANTENNA FOR POSITION DETECTION
(34) MILLIAM ON LOSITION DELECTION

(75) Inventor: Etsushi Muramatsu, Kadoma (JP)

(73) Assignee: Matsushita Electric Works, Ltd.,

Kadoma (JP)

(**) Term: 14 Years

(21) Appl. No.: 29/138,696

Sep. 20, 2000

(22) Filed: Mar. 20, 2001

(30) Foreign Application Priority Data

(51)	LOC (7) Cl
(52)	U.S. Cl. D14/230
(58)	Field of Search
	343/720, 900, 713, 878, 905, 906, 715,
	540 550 005 544 006 000 000 005

749, 752, 895, 714, 806, 802, 823, 805, 872, 705, 708, 741, 840, 882, 702, 873, 881

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U.S. PATENT DOCUMENTS

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/			<i>O</i>	

D346,170 S	*	4/1994	Tang	D14/230
D427,996 S	*	7/2000	Heiligenstein et al	D14/230

^{*} cited by examiner

Primary Examiner—Louis S. Zarfas Assistant Examiner—Gregory Andoll (74) Attorney, Agent, or Firm—Oblon, Spivak, McClelland,

Maier & Neustadt, P.C.

(57) CLAIM

The ornamental design for an antenna for position detection, as shown and described.

DESCRIPTION

FIG. 1 is a bottom, front and right side perspective view of an antenna for position detection showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

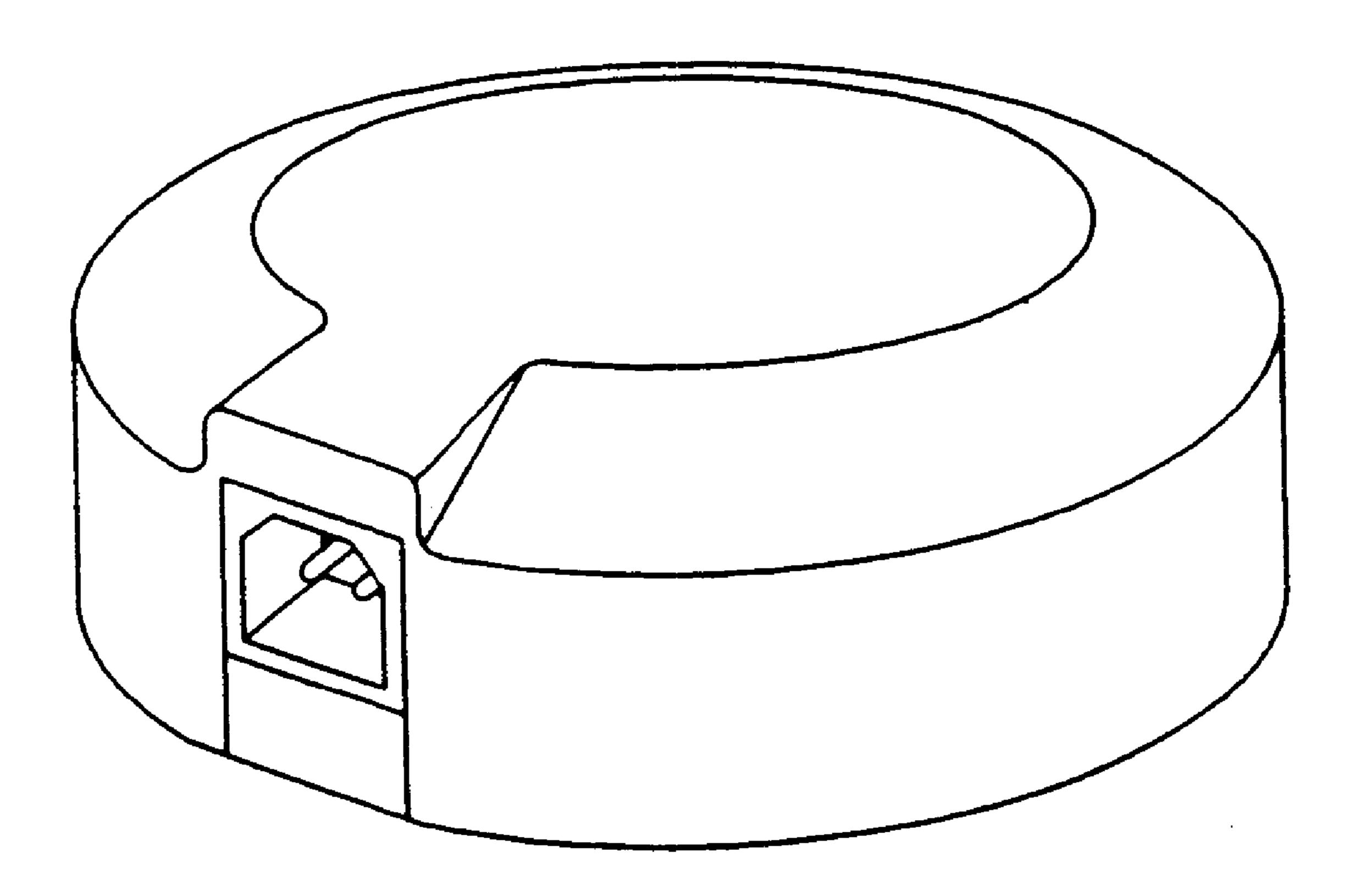
FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right side elevational view thereof, the left side elevational view being a mirror image of the side view shown; and,

FIG. 7 is a cross-sectional view thereof taken along line 7—7 in FIG. 2.

1 Claim, 5 Drawing Sheets



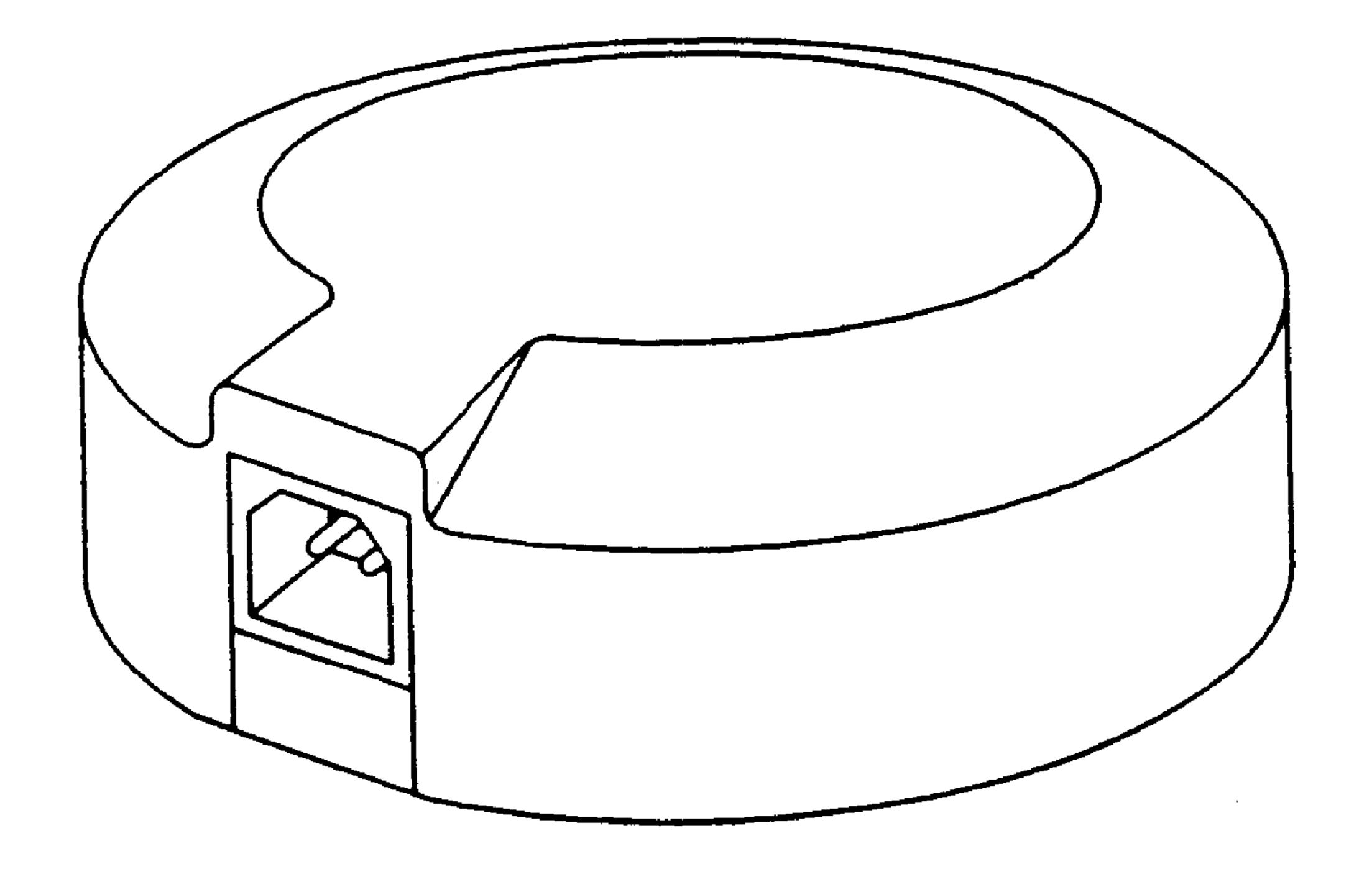
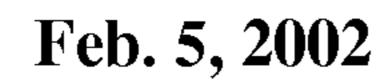


FIG. 1



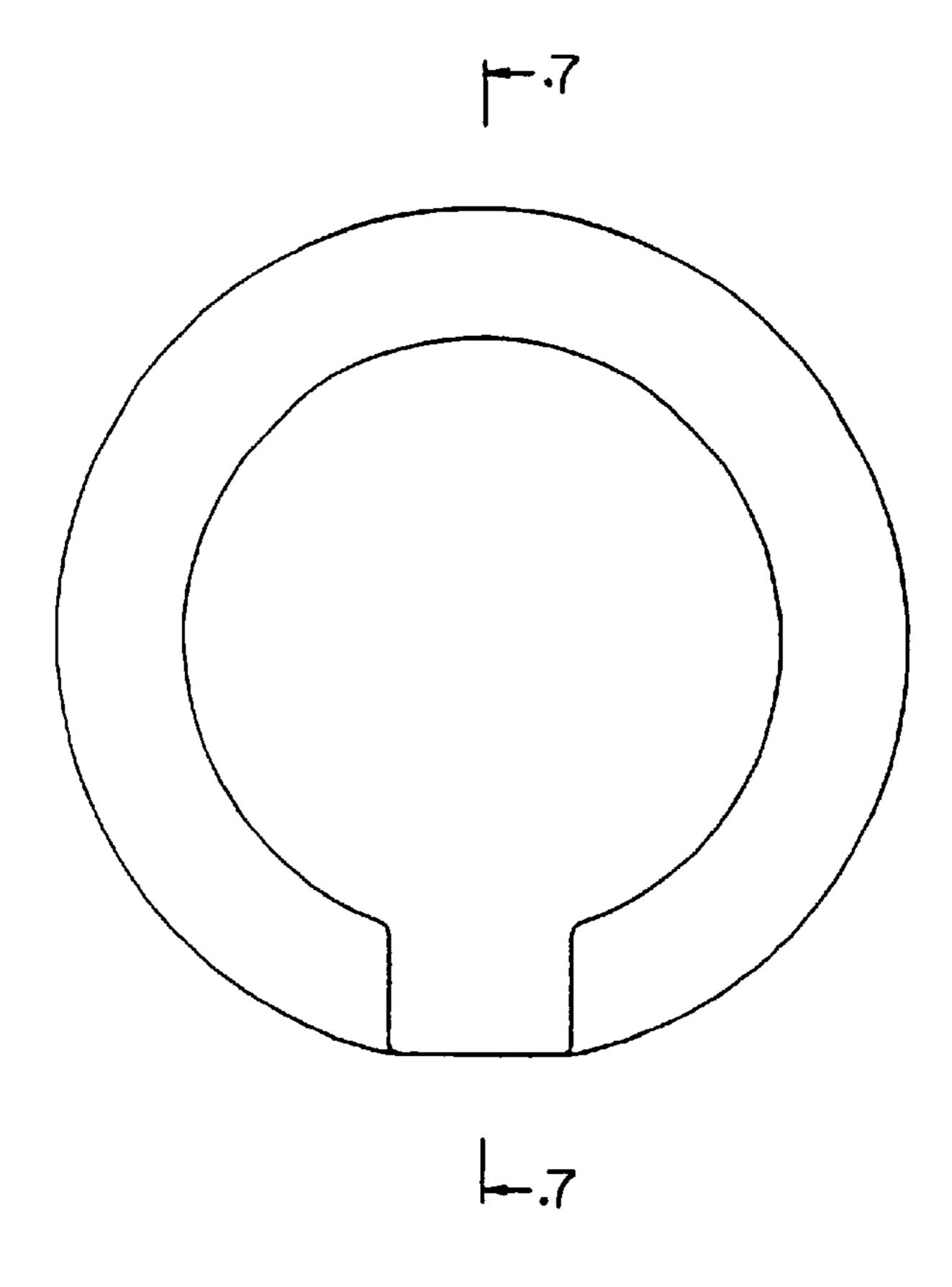


FIG.2

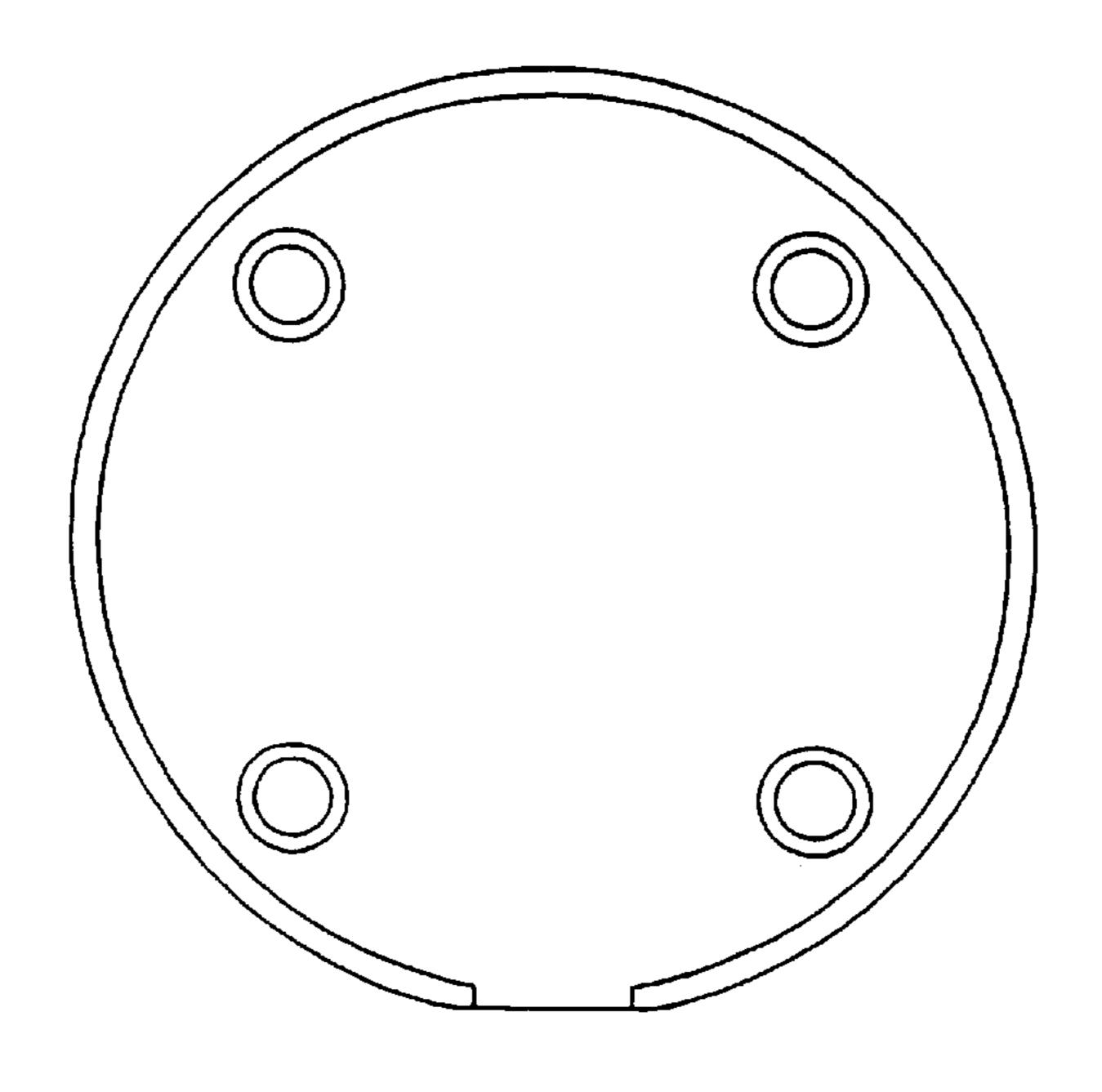


FIG.3

FIG.4

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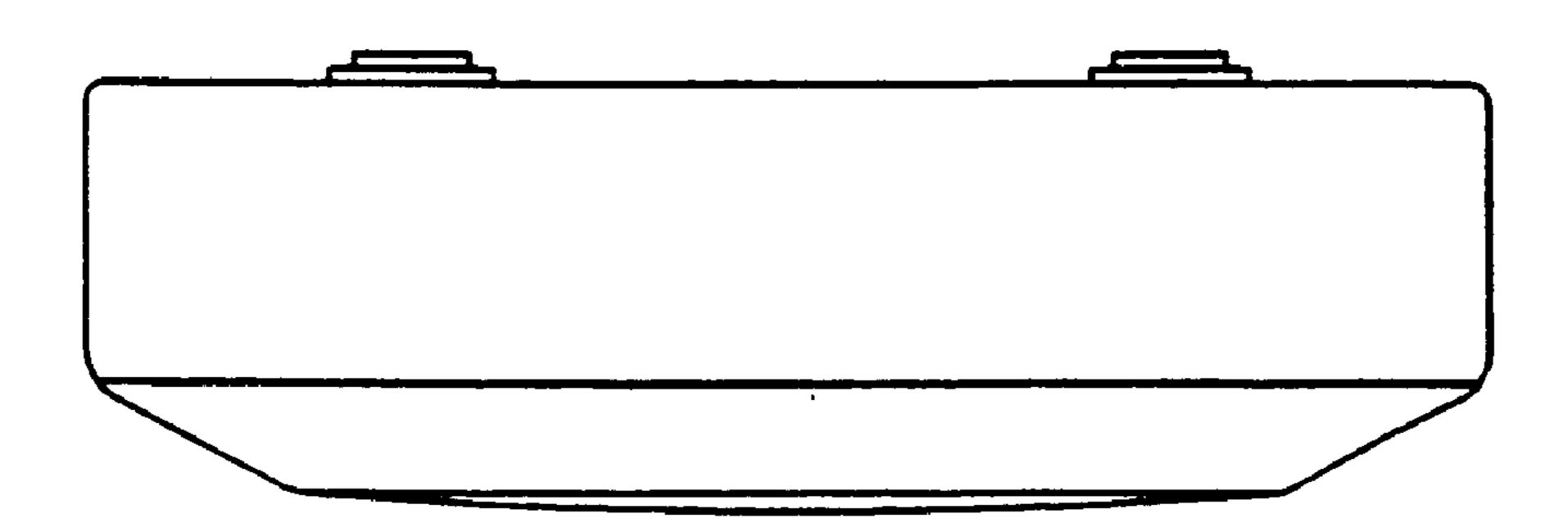
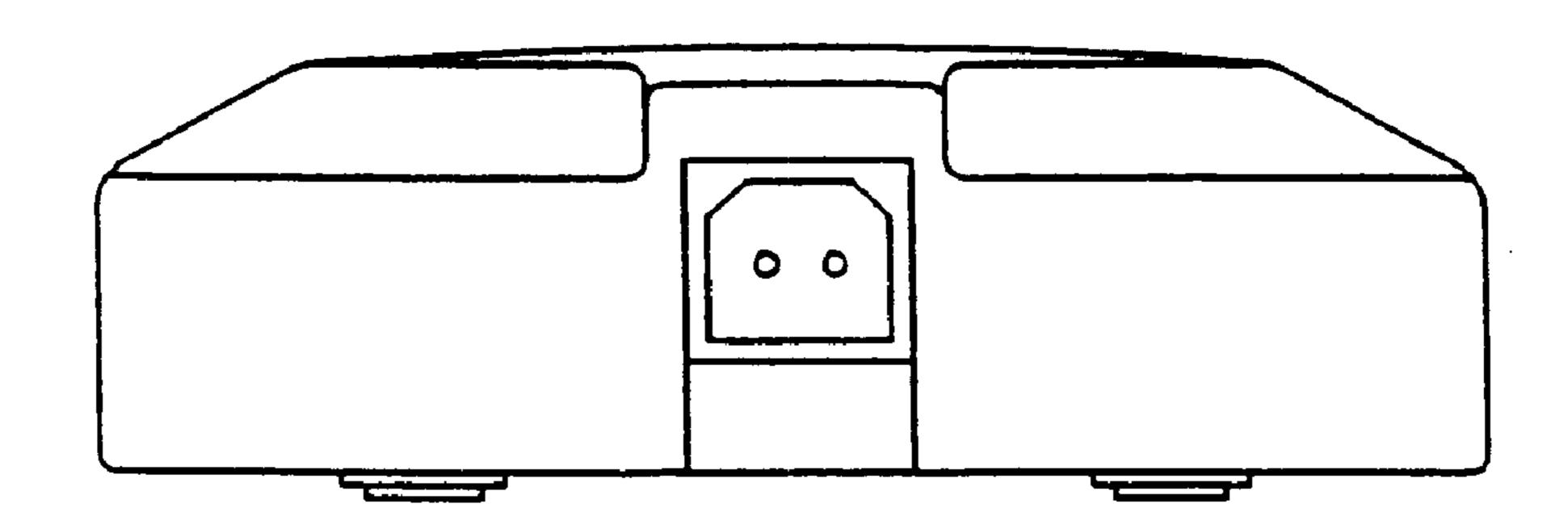


FIG. 5



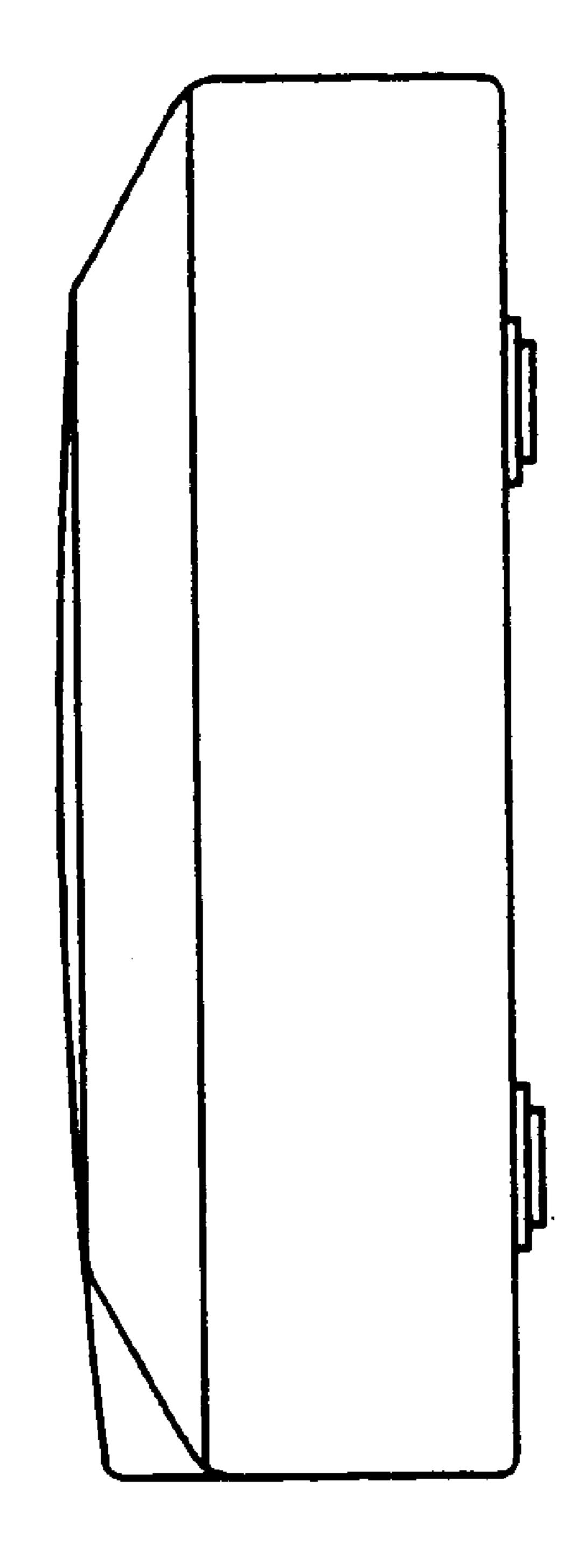


FIG. 6

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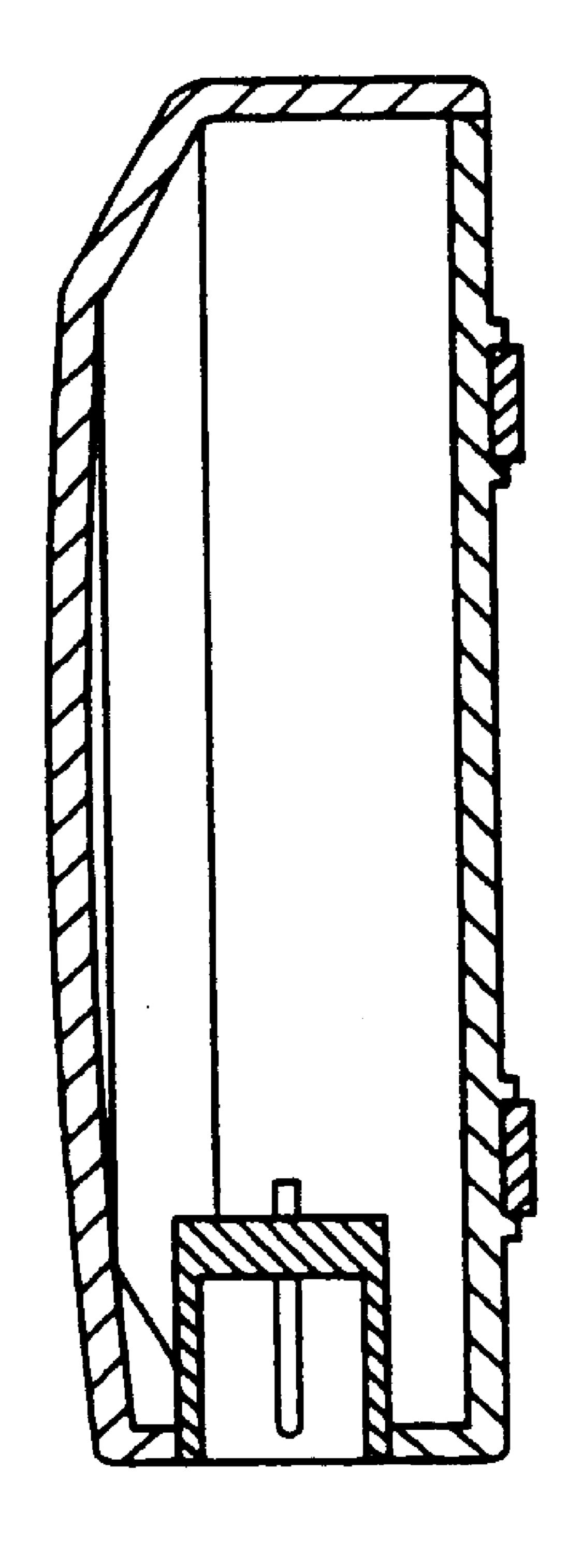


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : Des 453,329 S

DATED : February 5, 2002 INVENTOR(S) : Muramatsu

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [30], should read as follows:

-- [30] Foreign Application Priority Data

Signed and Sealed this

Seventeenth Day of September, 2002

Attest:

JAMES E. ROGAN

Director of the United States Patent and Trademark Office

Attesting Officer