



US00D346170S

United States Patent [19] Tang

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[54] COMBINED GLOBAL POSITIONING
SYSTEM ANTENNA AND PREAMPLIFIER

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[73] Assignee: Trimble Navigation Limited,
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[**] Term: 14 Years

[21] Appl. No.: 870,704

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[52] U.S. Cl. D14/230

[58] Field of Search 343/703, 720, 872;
342/352; D14/230

[56] References Cited

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[57] CLAIM

The ornamental design for a combined global positioning system antenna and preamplifier, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a combined global positioning system antenna and preamplifier for a portable grid locator showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a left side elevational view thereof;

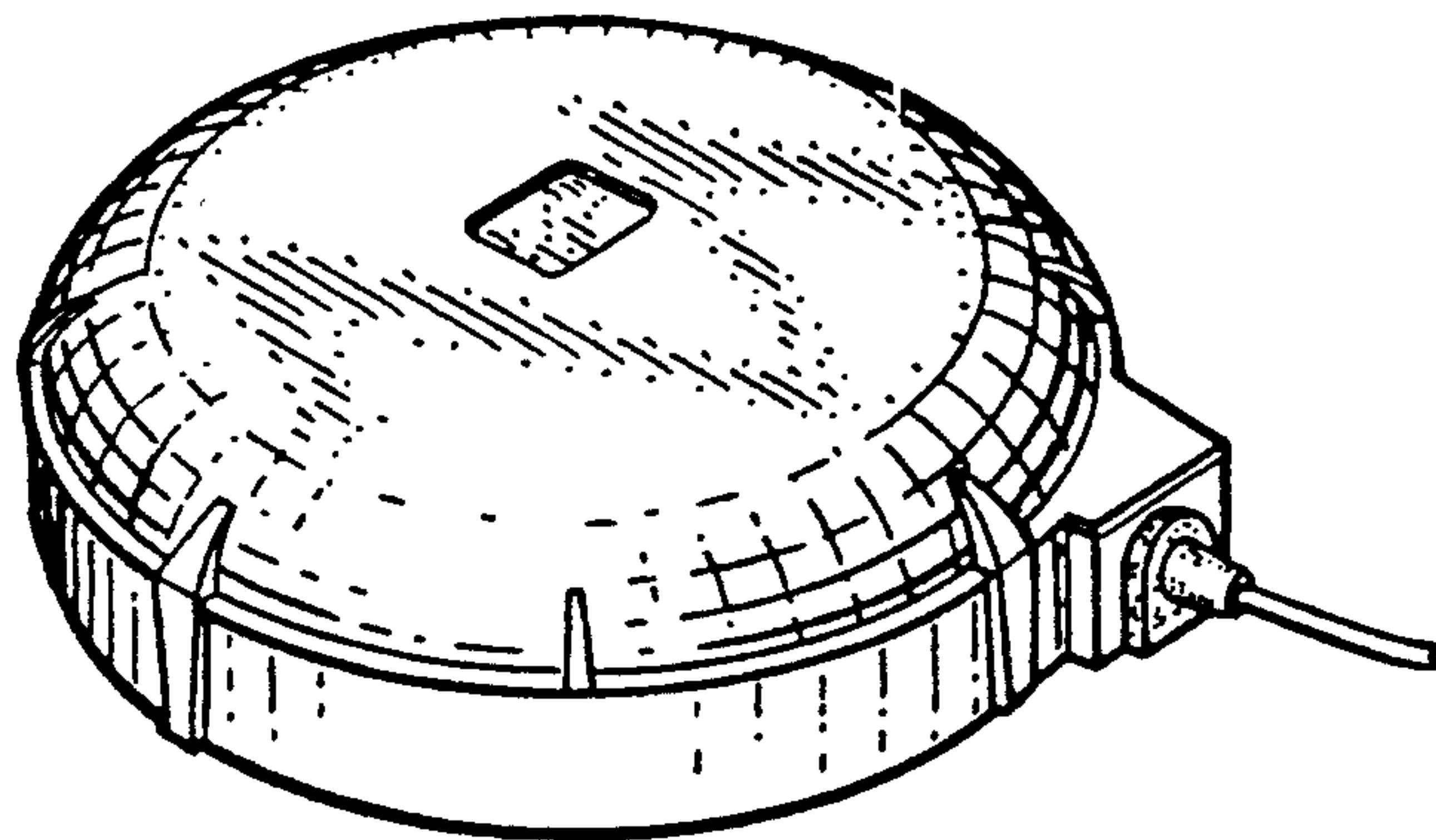
FIG. 4 is a right side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The electric cord in FIGS. 1-4, 6, and 7 is fragmentarily shown for the convenience of illustration.



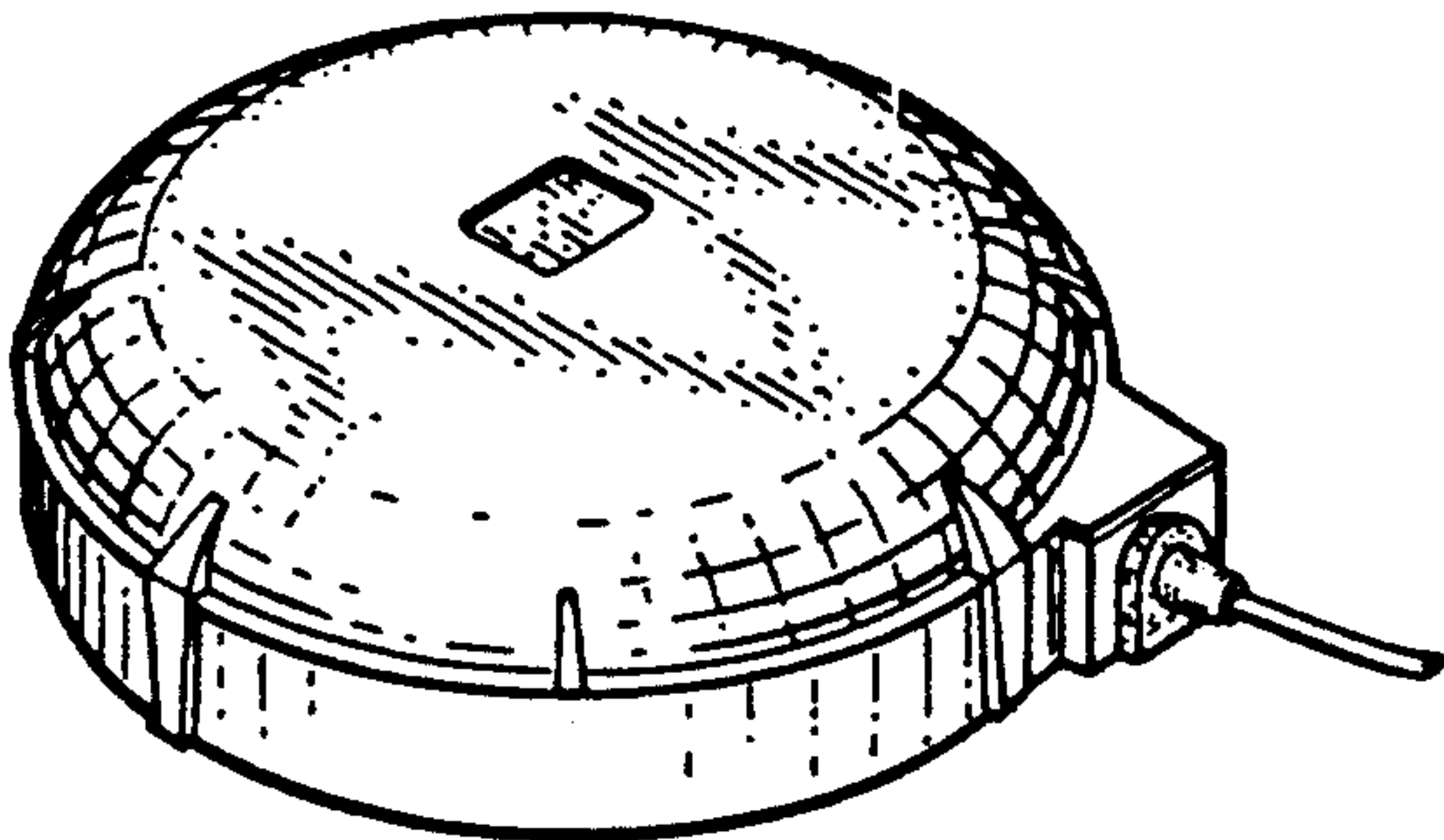


Fig.1

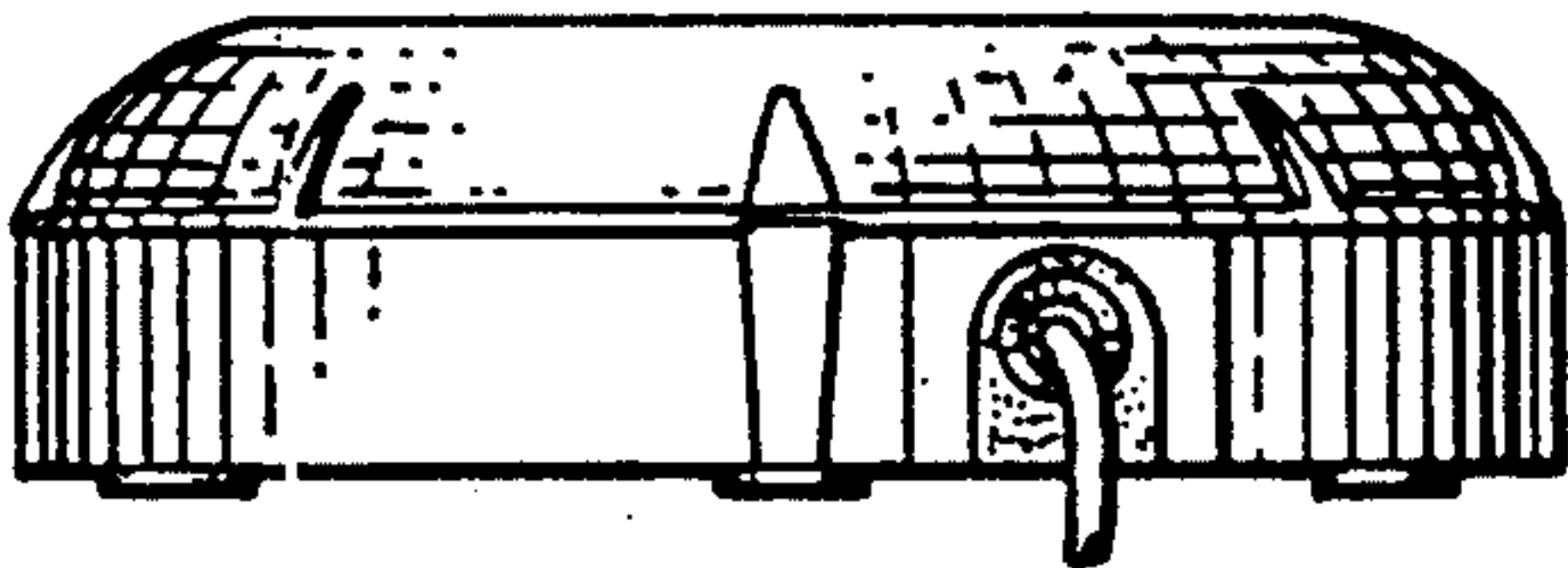


Fig.2

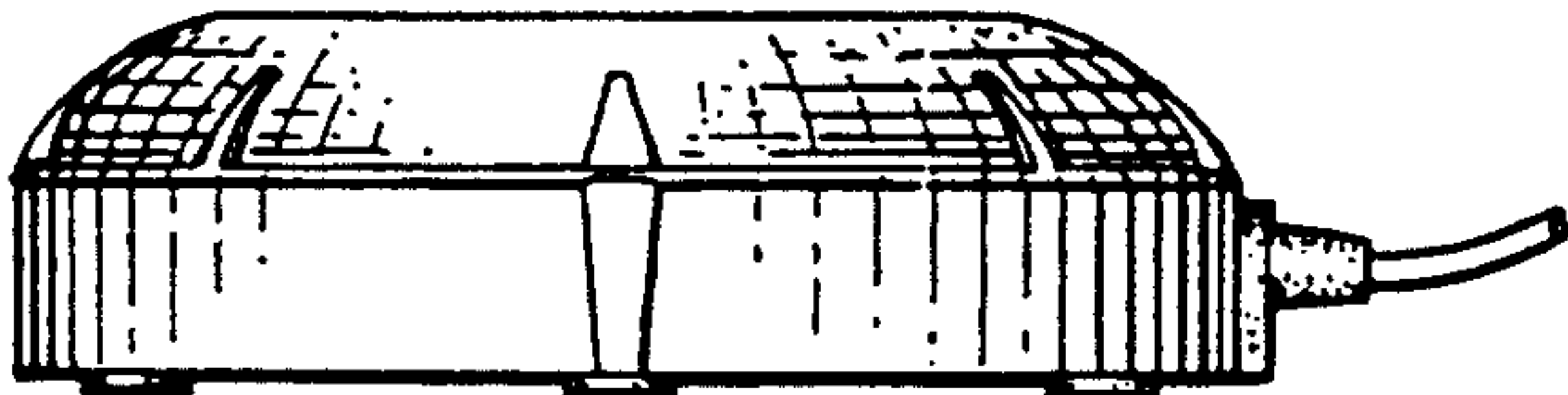


Fig.3

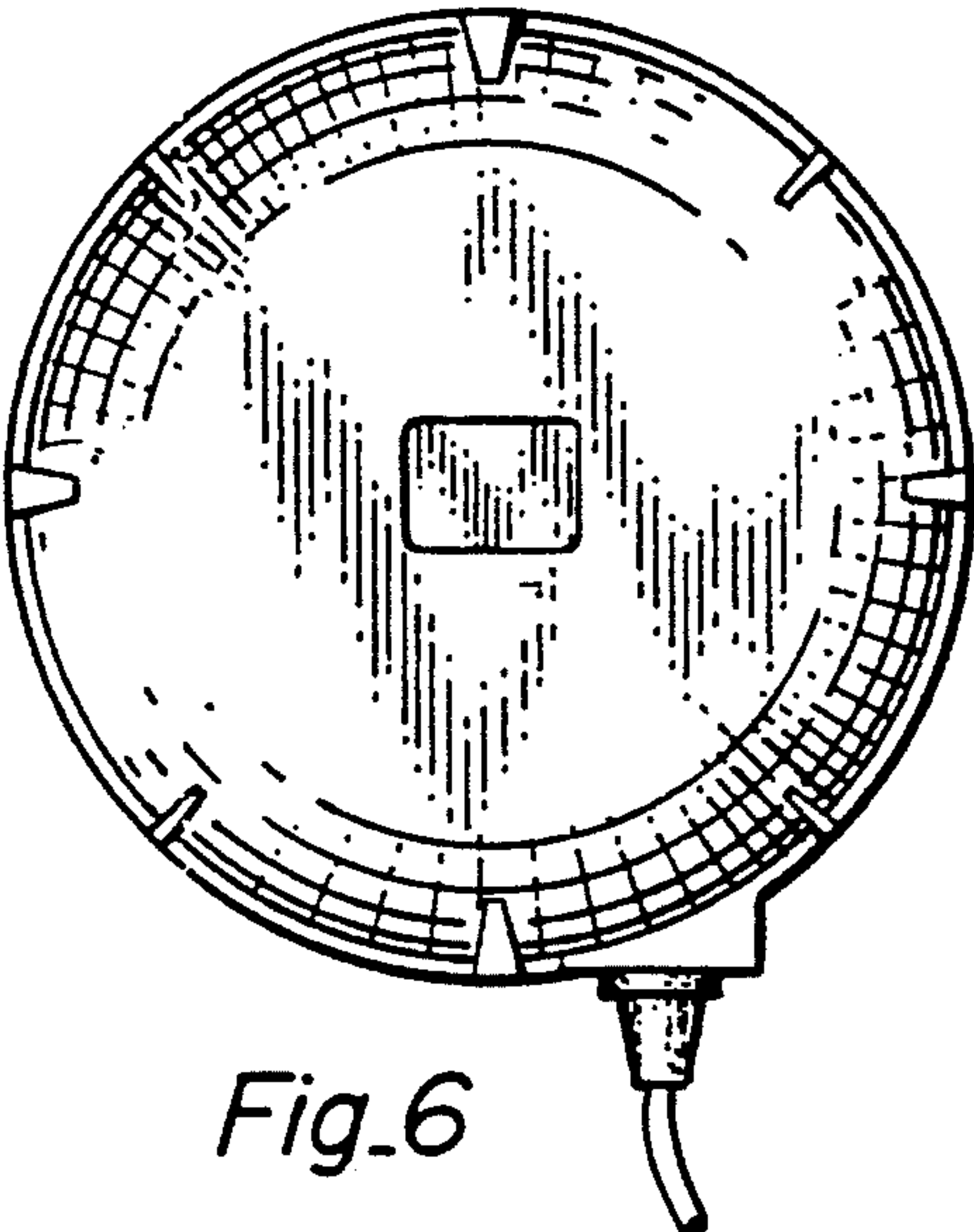


Fig.6

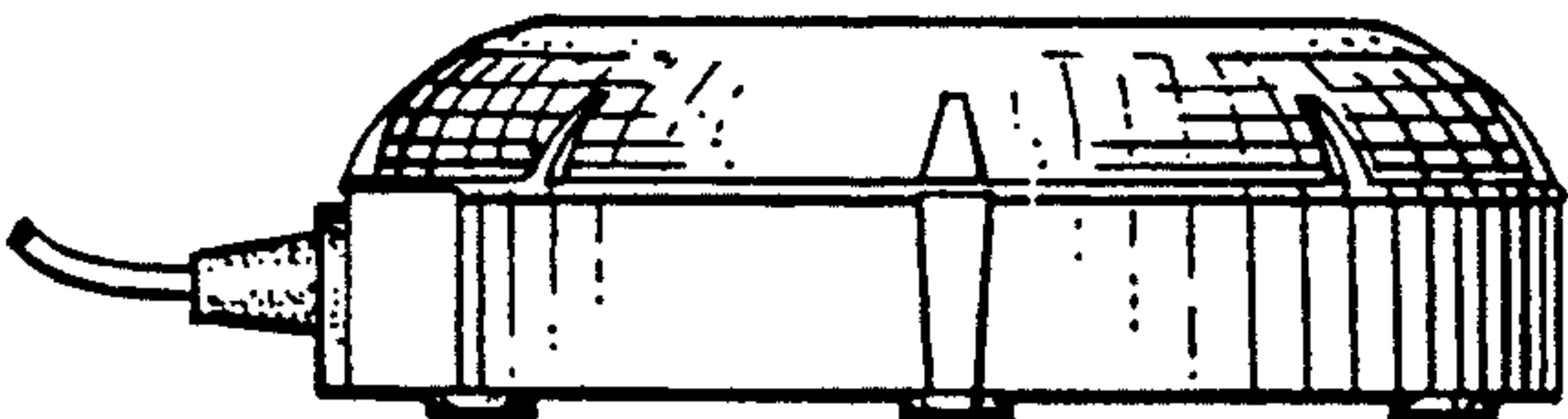


Fig.4

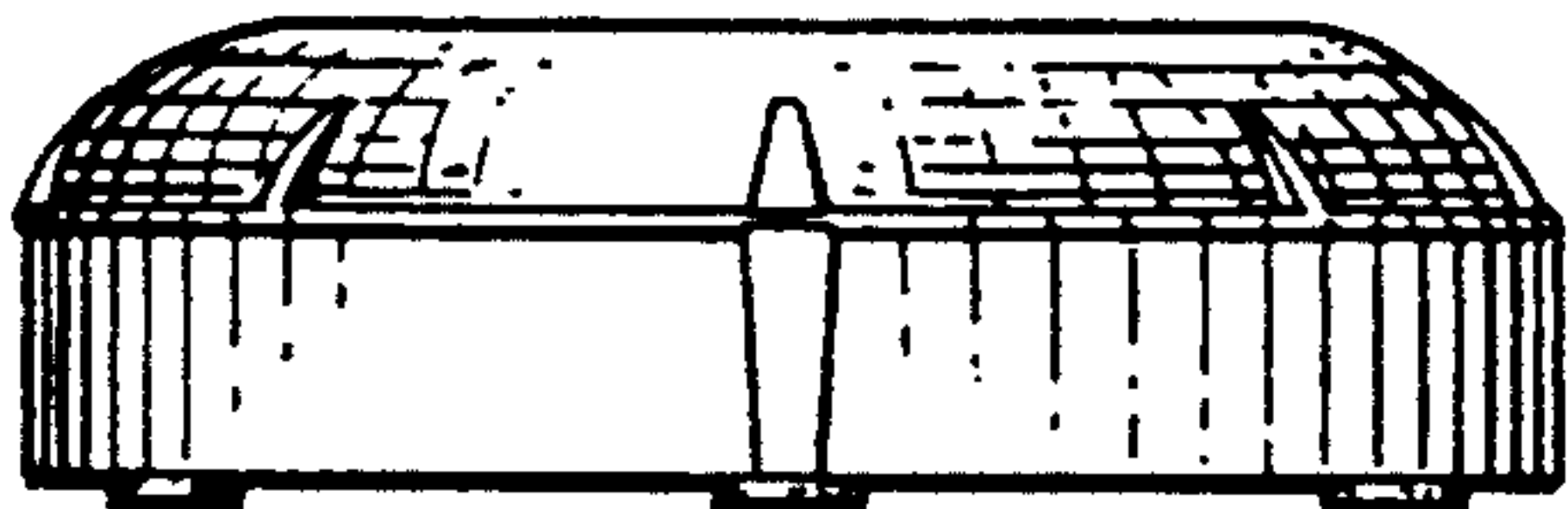


Fig.5

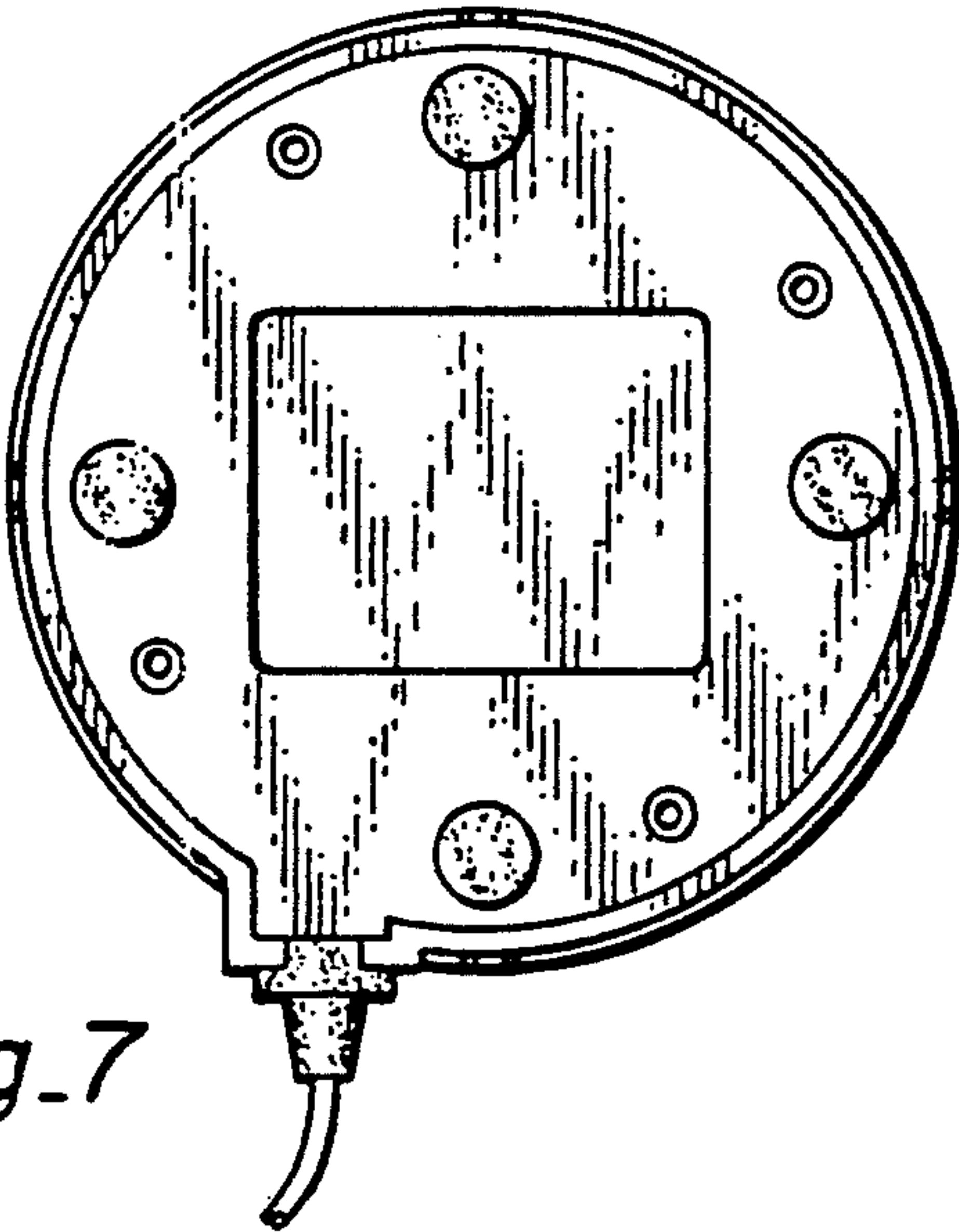


Fig.7