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

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(45) **Date of Patent:** **** Nov. 10, 2009**

(54) **BIO-SENSOR**

(57) **CLAIM**

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The ornamental design for a bio-sensor, as shown and described.

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(JP)

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

(21) Appl. No.: **29/310,756**

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(51) **LOC (9) Cl.** **10-04**

(52) **U.S. Cl.** **D10/46**

(58) **Field of Classification Search** D10/46;
73/24.06, 580, 778; 310/8.2, 8.9, 320, 344,
310/553, 361, 370; 324/715–719; 333/72;
204/403, 416, 418, 419; 435/288, 291, 817
See application file for complete search history.

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DESCRIPTION

FIG. 1 is a front view of a bio-sensor of a new design;

FIG. 2 is a back view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front view of a crystal resonator, the bio-sensor
being eliminated for ease of illustration;

FIG. 8 is a back view of a crystal resonator, the bio-sensor
being eliminated for ease of illustration;

FIG. 9 is a left side view of a crystal resonator, the bio-sensor
being eliminated for ease of illustration;

FIG. 10 is a right side view of a crystal resonator, the bio-
sensor being eliminated for ease of illustration;

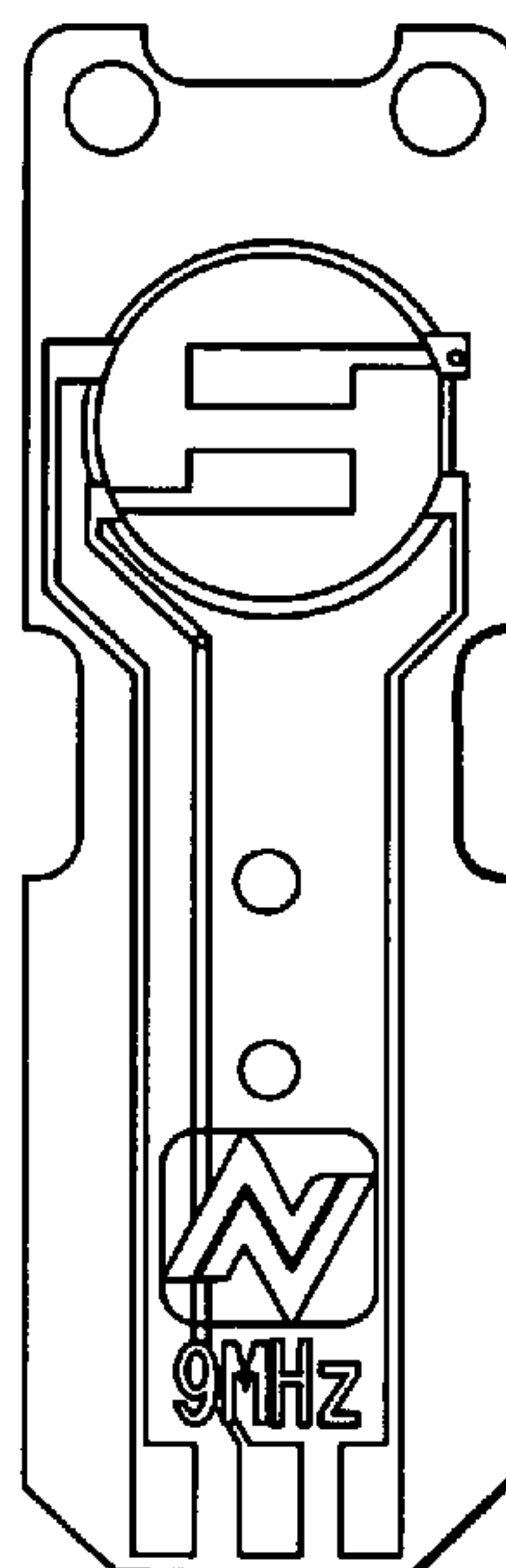
FIG. 11 is a plan view of a crystal resonator, the bio-sensor
being eliminated for ease of illustration;

FIG. 12 is a bottom plan view of a crystal resonator, the
bio-sensor being eliminated for ease of illustration; and,

FIG. 13 is a referential assembling drawing showing a con-
dition wherein the bio-sensor is incorporated in a sensing
apparatus.

The broken line showing of structural features are included
for the purpose of illustrating non-claimed subject matter and
forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



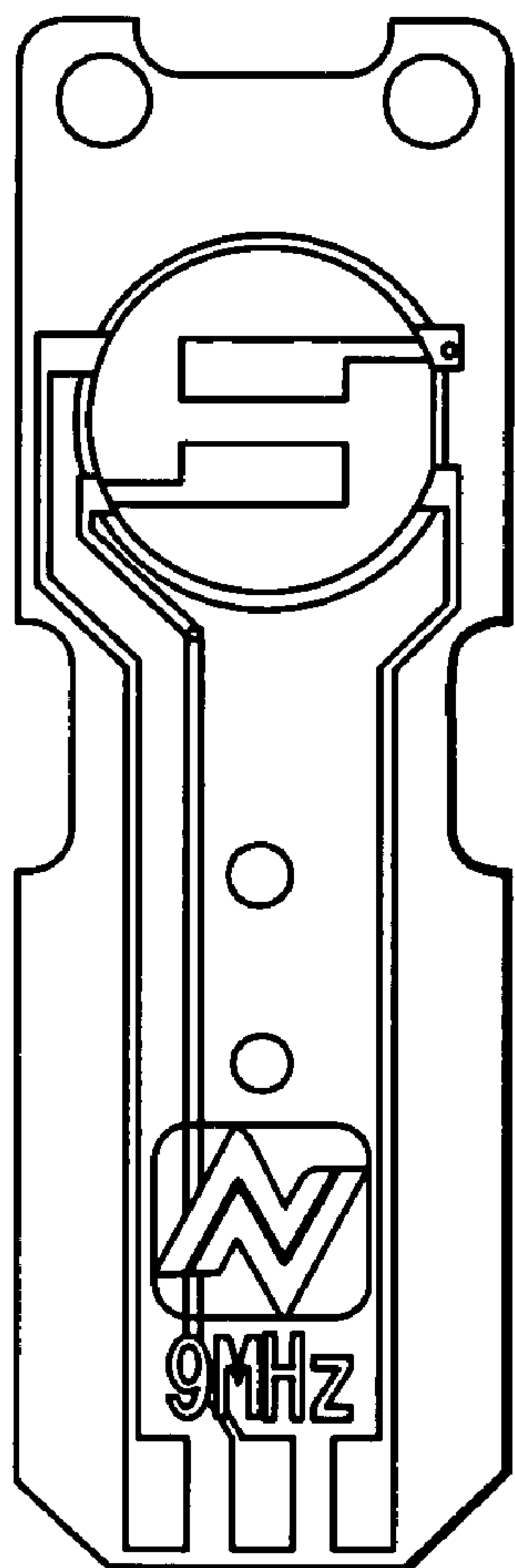


Fig. 1

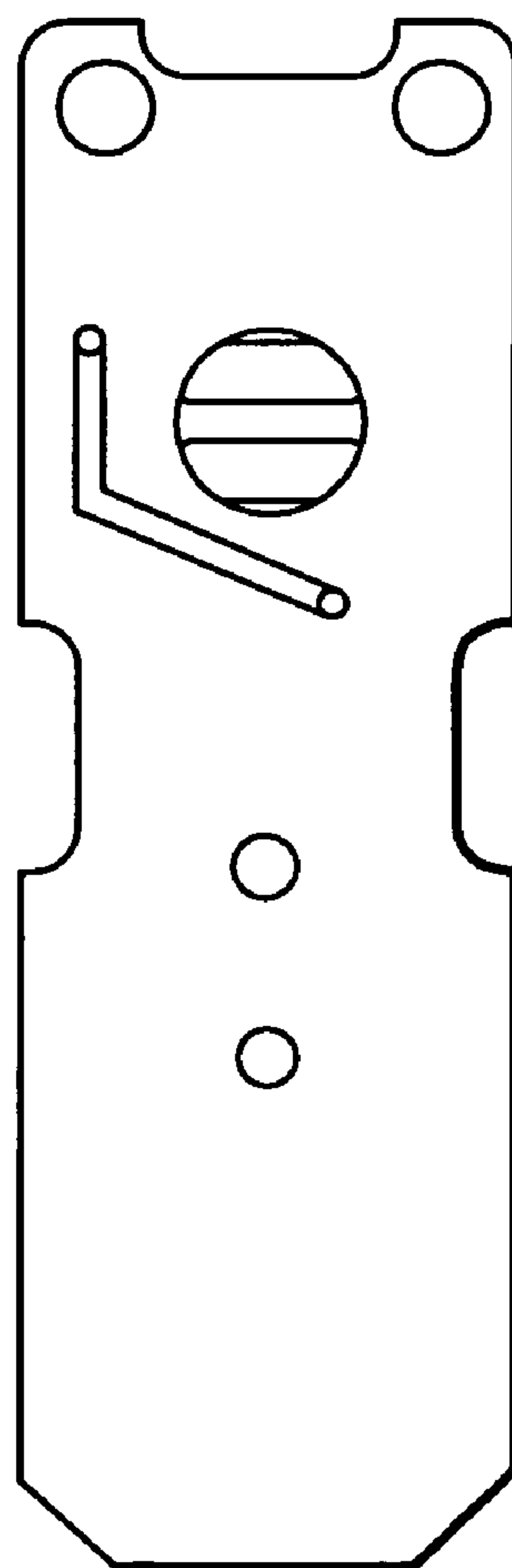


Fig. 2



Fig. 3

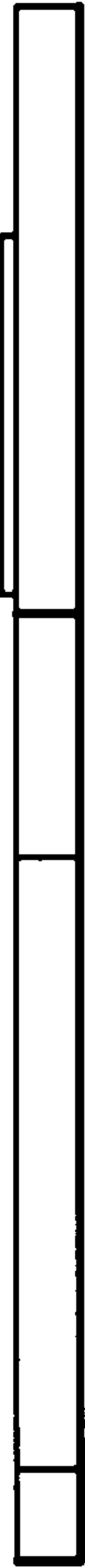


Fig. 4



Fig. 5



Fig. 6

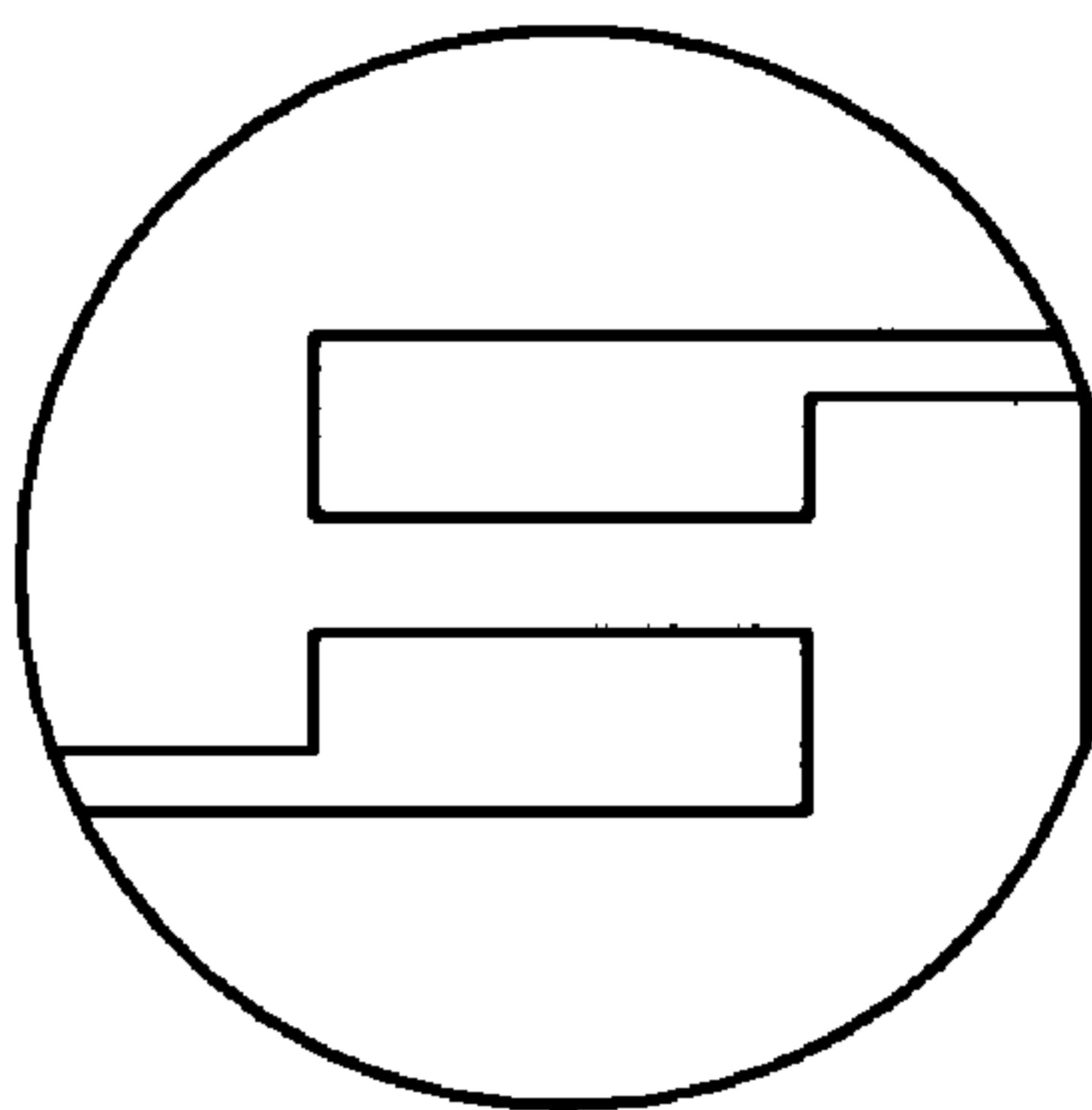


Fig. 7

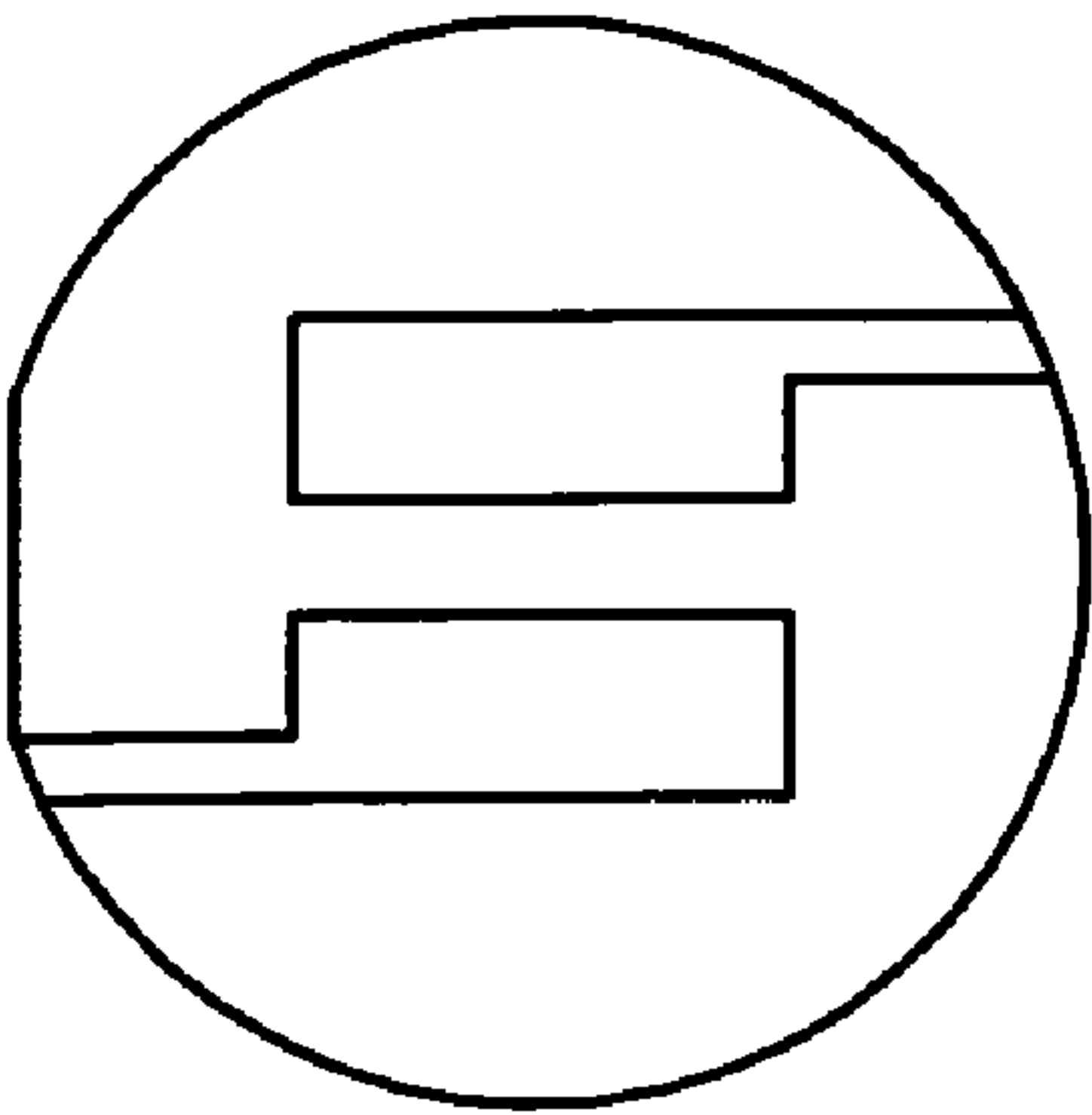


Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12

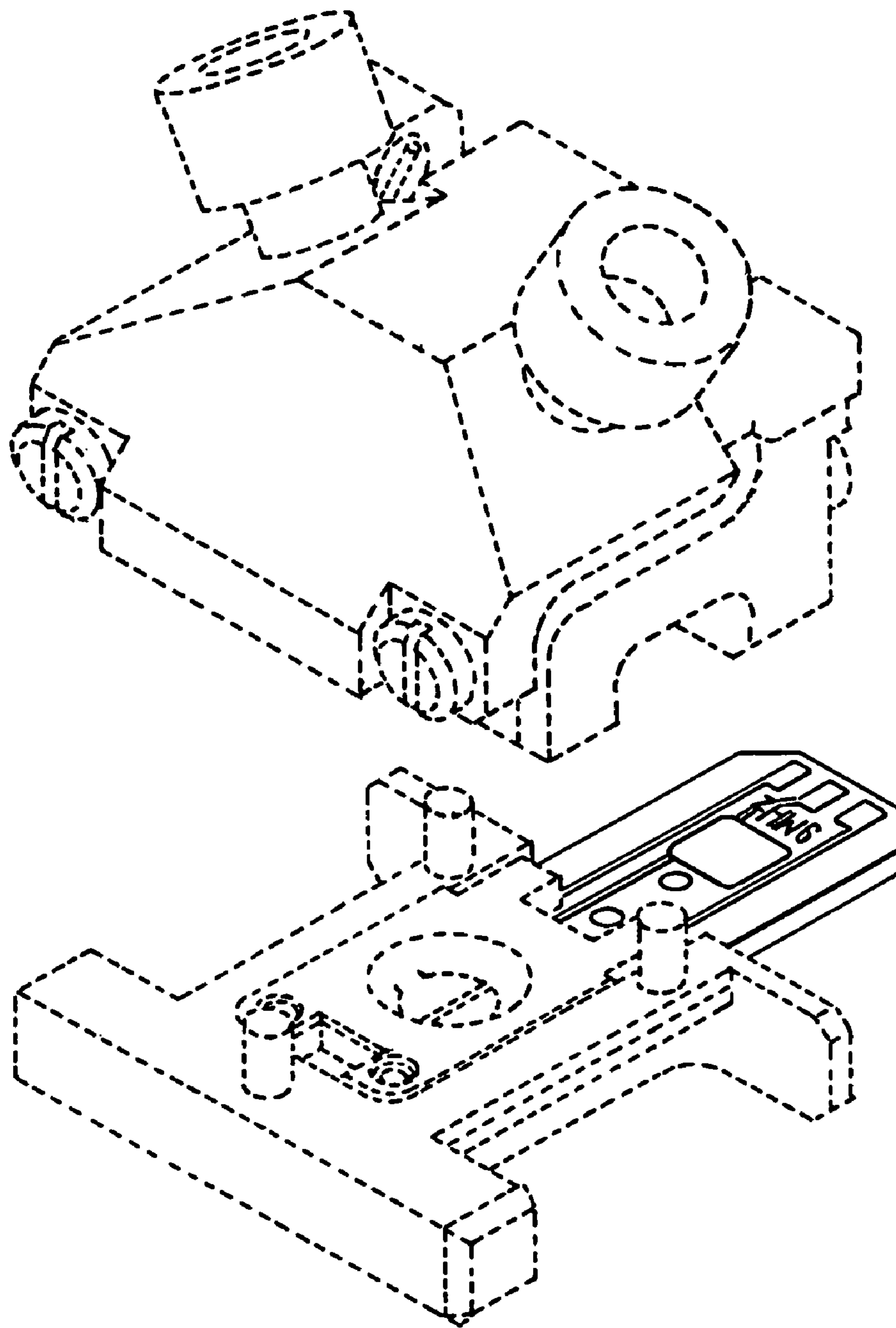


Fig. 13