



US00D837329S

(12) **United States Design Patent** (10) **Patent No.:** **US D837,329 S**  
**Ruiz** (45) **Date of Patent:** **\*\* Jan. 1, 2019**

(54) **QUICK RELEASE MECHANISM**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/592,289**

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(51) **LOC (11) Cl.** ..... **22-01**

(52) **U.S. Cl.**  
USPC ..... **D22/108**

(58) **Field of Classification Search**  
USPC ..... D22/108-110, 199; D16/132, 130, 133,  
D16/330, 134; 359/399, 359, 823, 744;  
(Continued)

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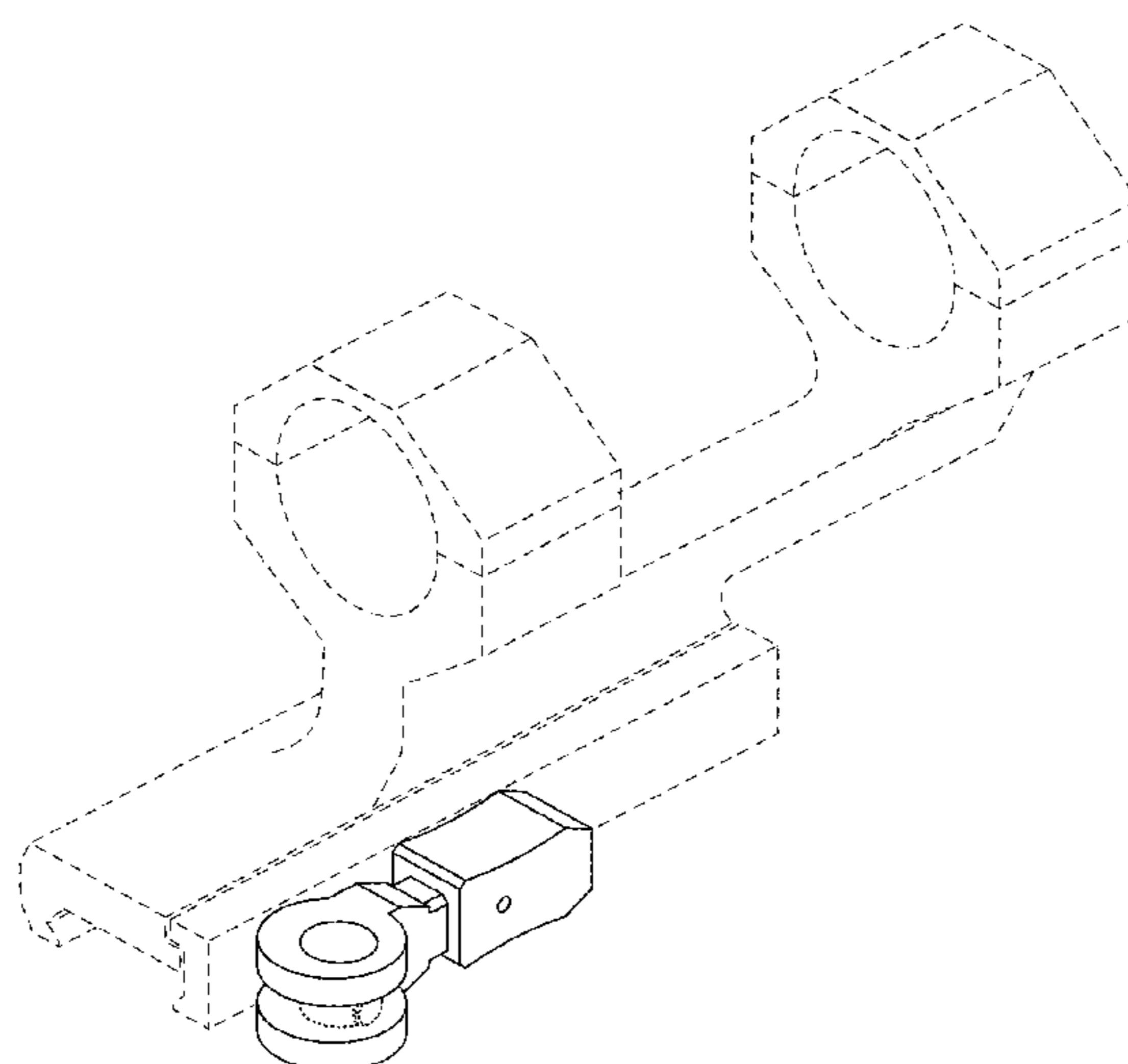
(57) **CLAIM**

The ornamental design for a quick release mechanism, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a quick release mechanism of the invention;  
FIG. 2 is a top view thereof;  
FIG. 3 is a top view thereof, next to a mounting rail in broken lines;  
FIG. 4 is a top view thereof, next to a mounting rail in broken lines, and with the release mechanism at a right angle to the mounting rail;  
FIG. 5 is a top view thereof, next to a mounting rail in broken lines;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a bottom view thereof, next to a mounting rail in broken lines;  
FIG. 8 is a side view thereof, in front of a mounting clamp in broken lines;  
FIG. 9 is a top end view thereof, in front of a mounting clamp in broken lines;  
FIG. 10 is another side view thereof, in front of a mounting clamp in broken lines;  
FIG. 11 is a bottom end view thereof, next to a mounting clamp in broken lines;  
FIG. 12 is a top end view thereof, next to a mounting clamp in broken lines;  
FIG. 13 is a side view thereof, next to a mounting clamp in broken lines, and with the release mechanism at a right angle to the mounting clamp; and,  
FIG. 14 is another side view thereof, next to a mounting clamp in broken lines, and with the release mechanism at a right angle to the mounting clamp.  
The broken lines used to show the environment are for illustration purposes only and form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... 42/111, 113, 114, 116, 119, 133, 122,  
42/124, 125, 127, 145, 128, 72, 106, 90,  
42/11, 85, 75.02, 71.01; 248/205.1, 201;  
D26/38-39; 33/227, 229; 89/200-204  
CPC ..... F41C 27/00  
See application file for complete search history.

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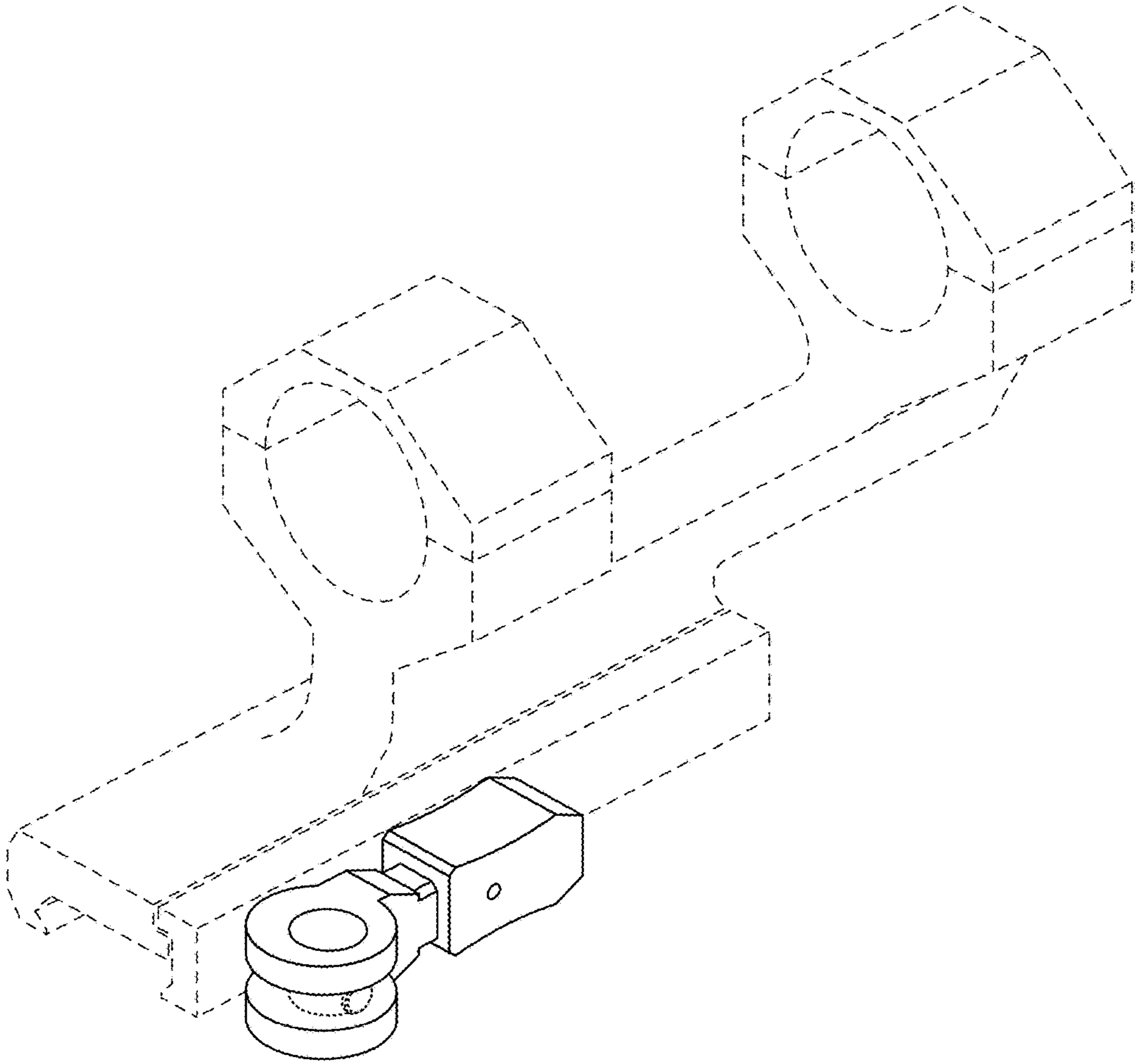
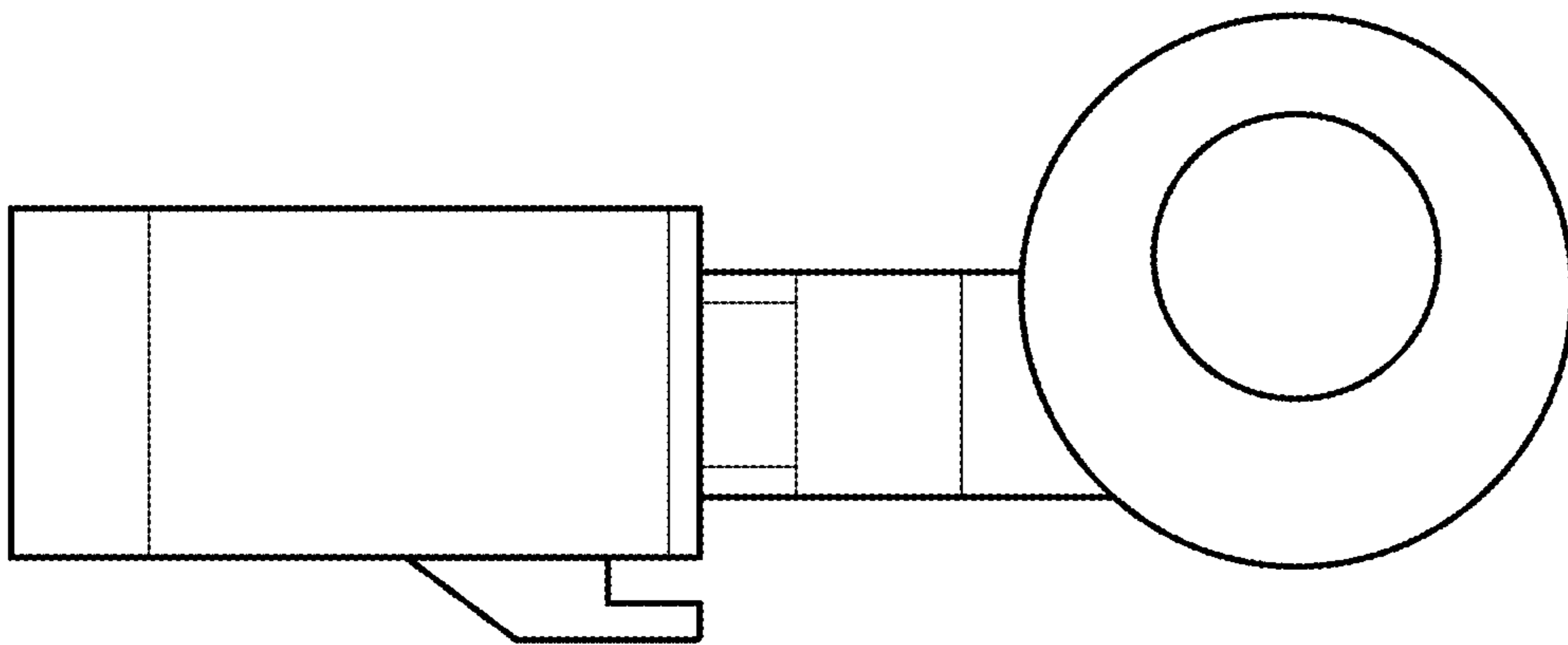


Fig. 1



**Fig. 2**

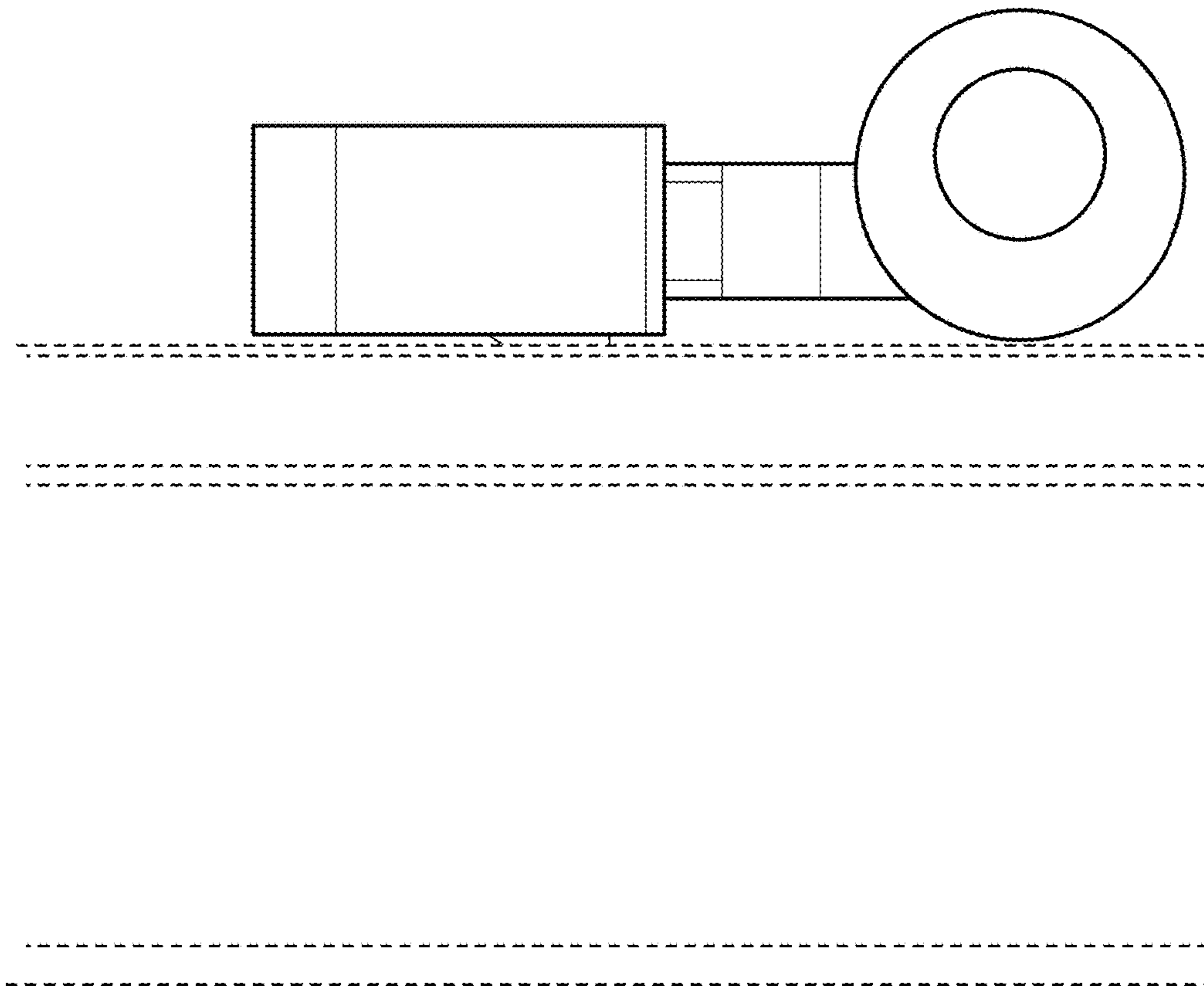


Fig. 3

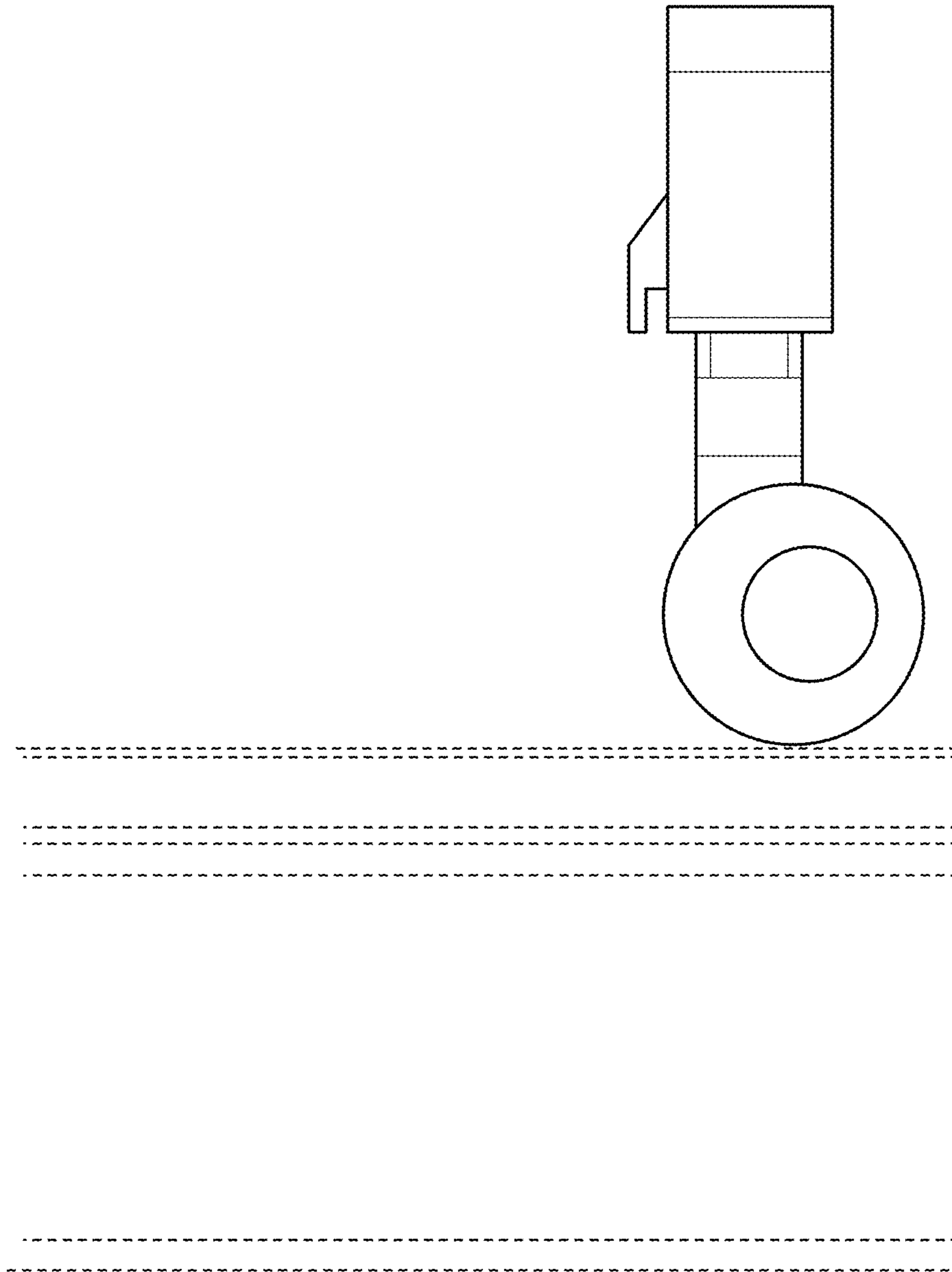


Fig. 4

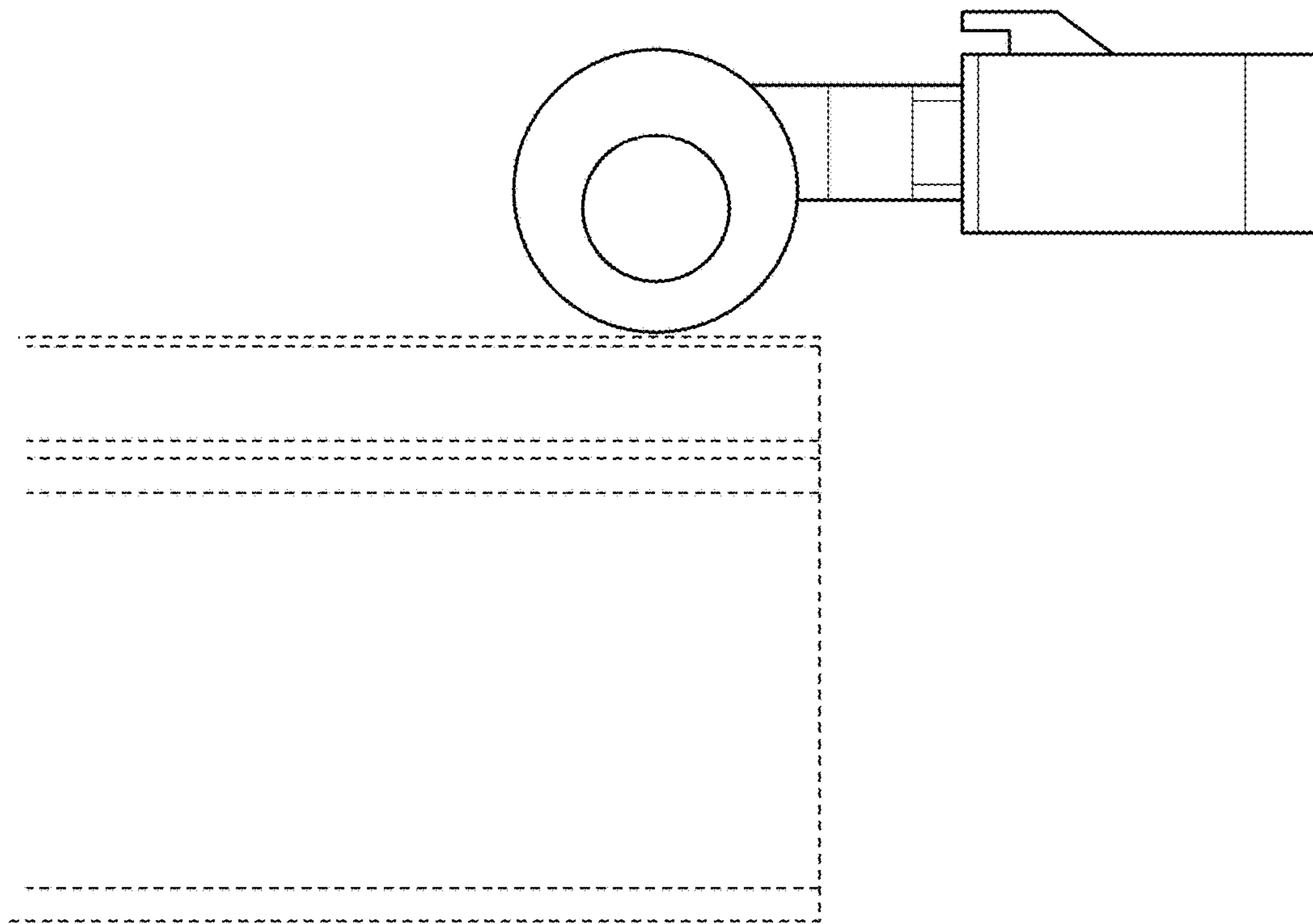


Fig. 5

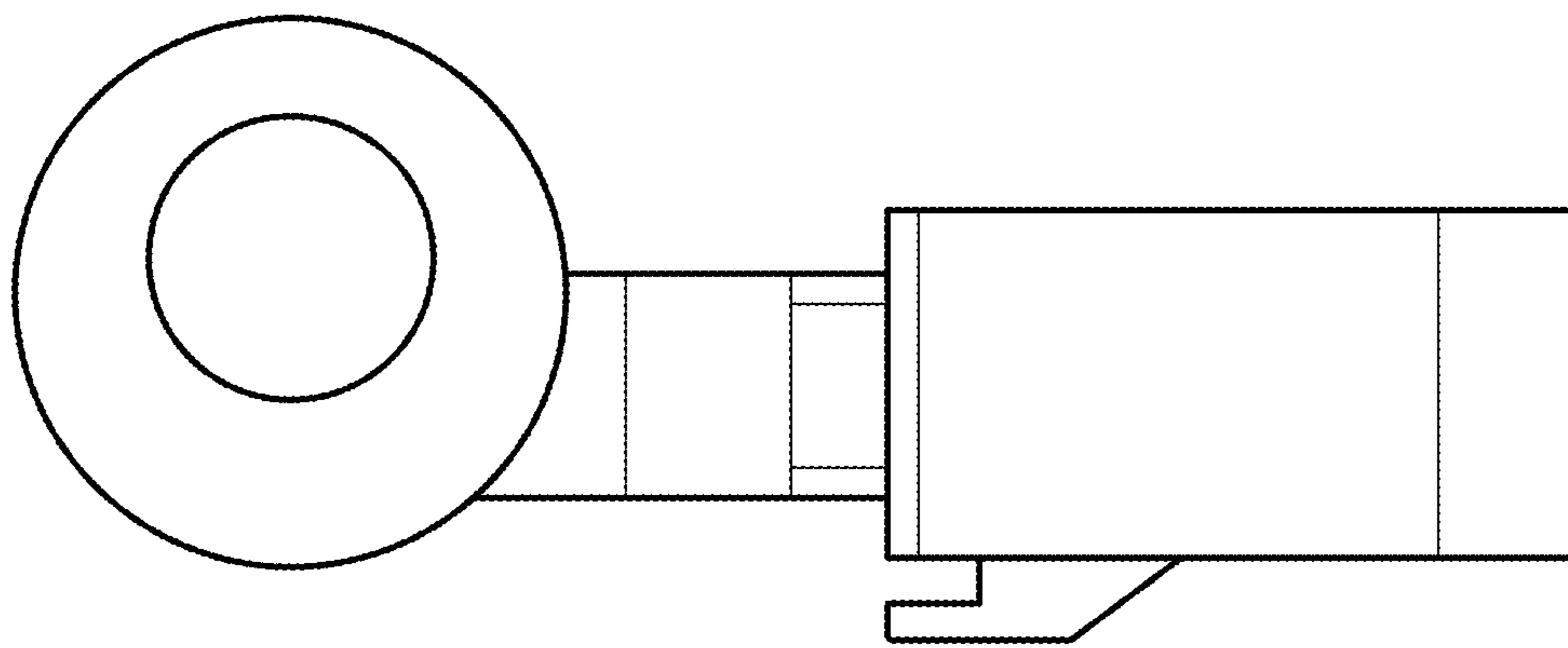


Fig. 6



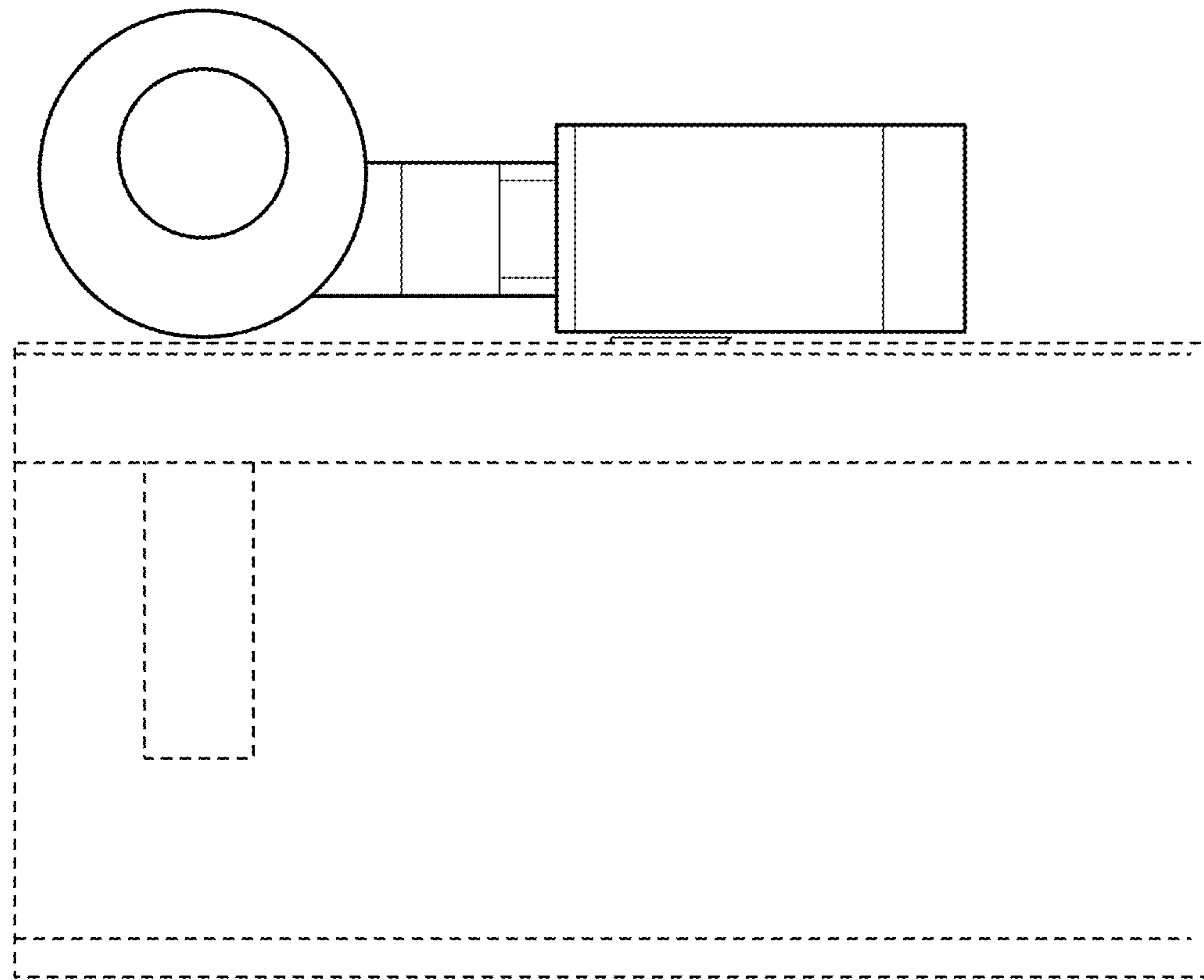


Fig. 7

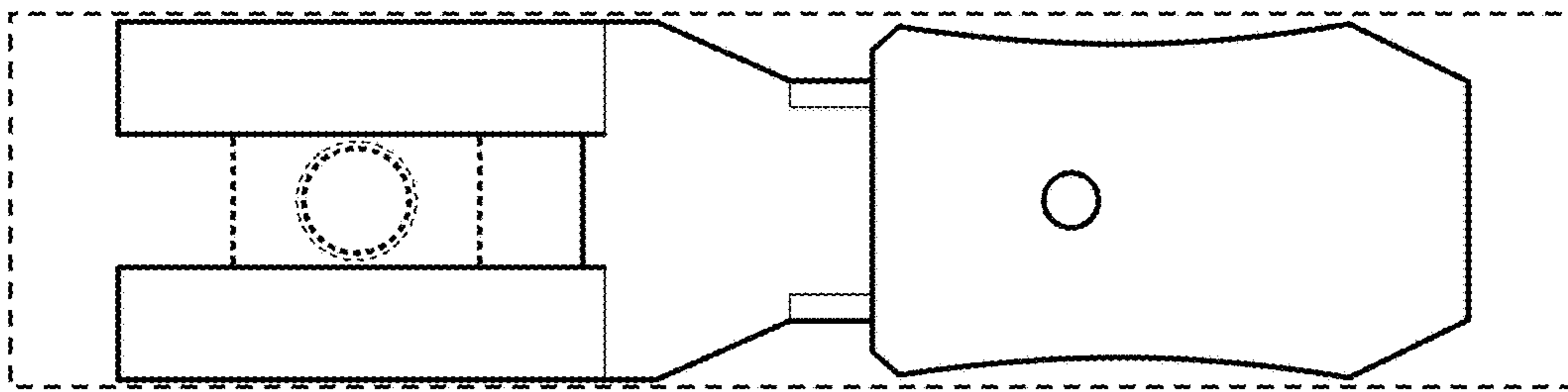


Fig. 8

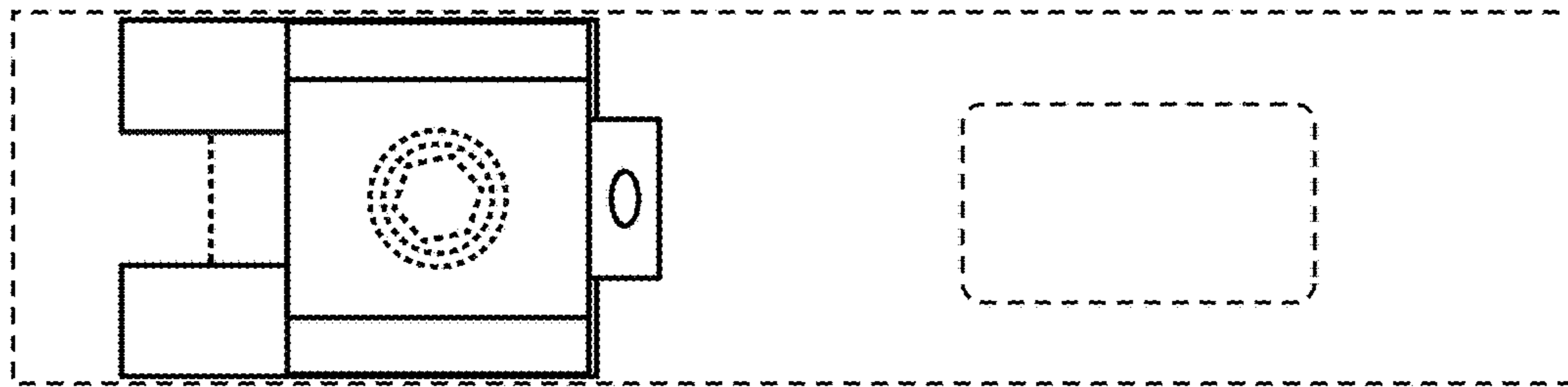


Fig. 9

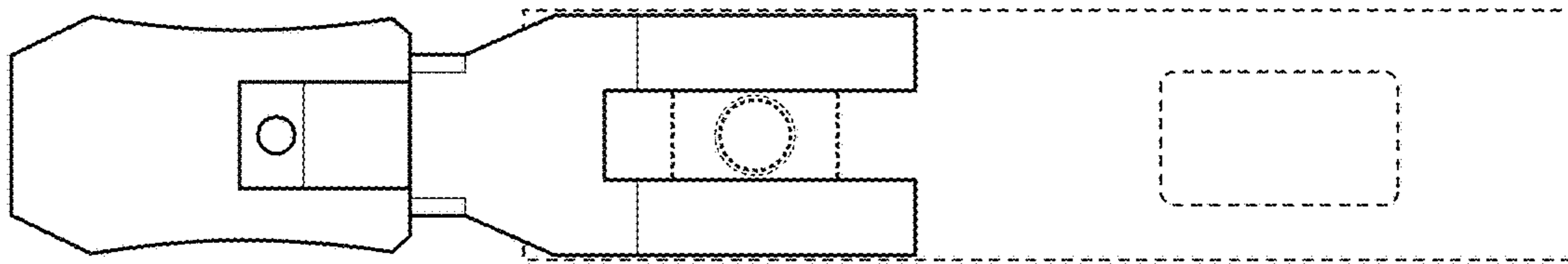


Fig. 10

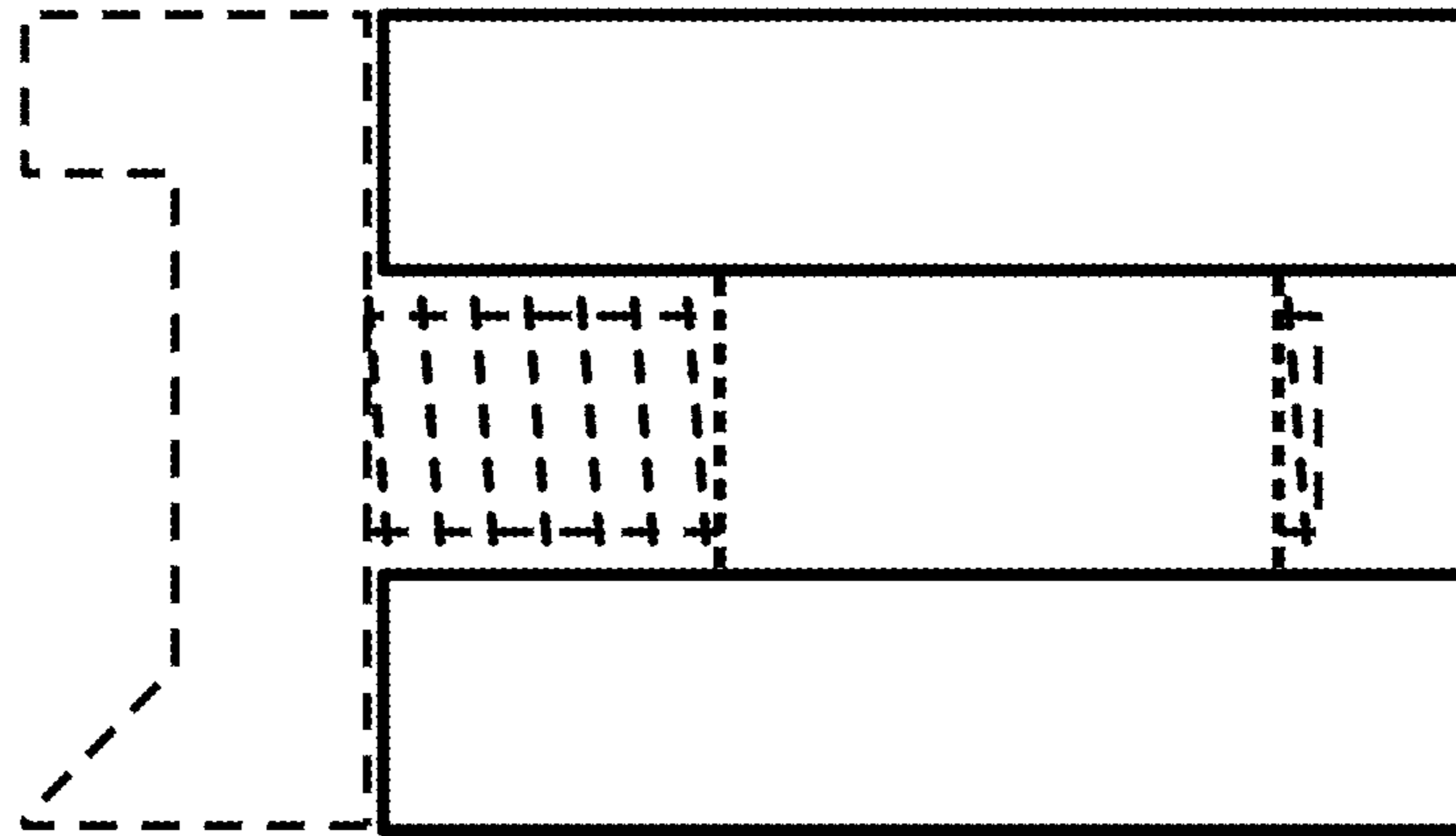


Fig. 11

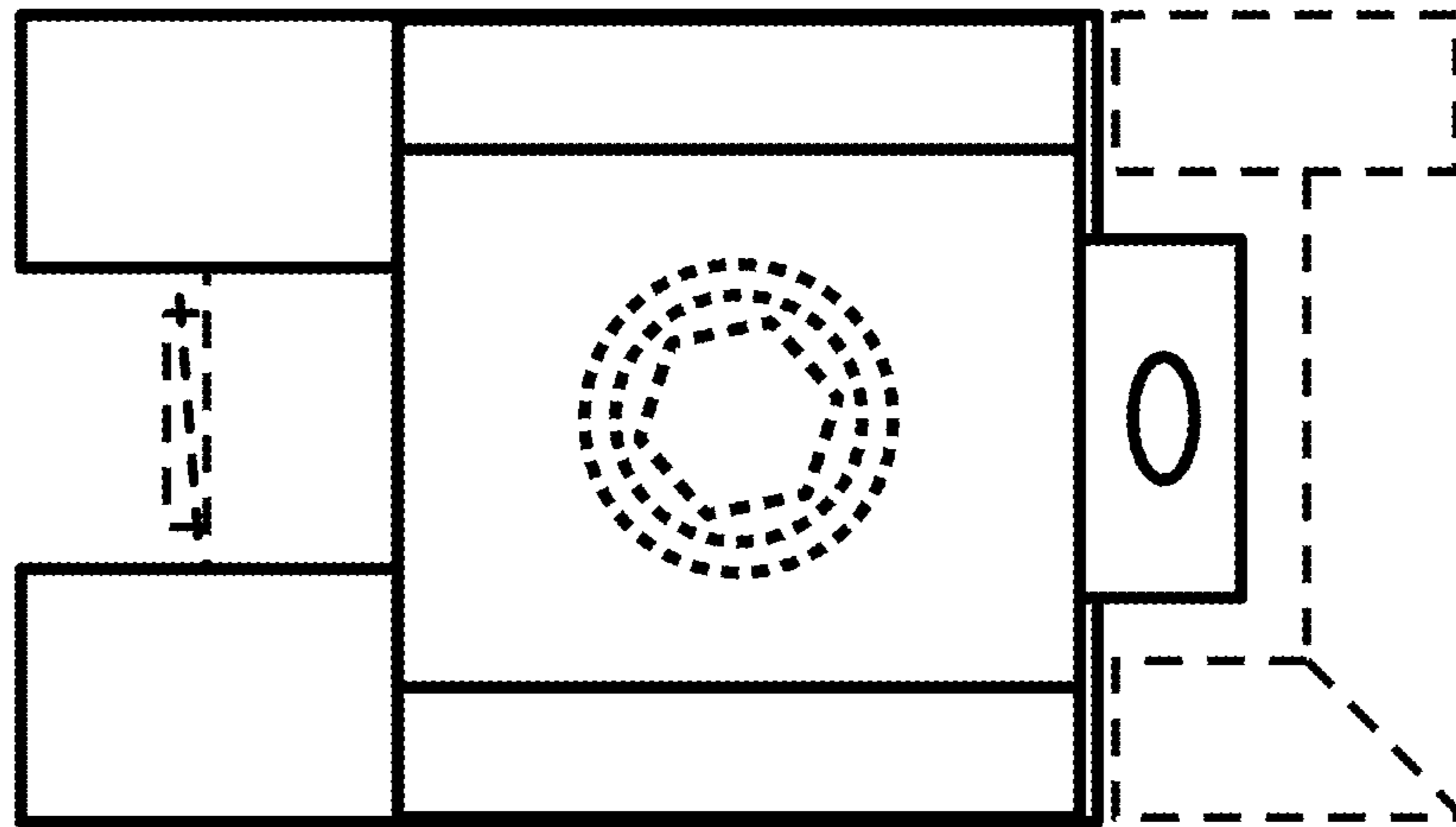


Fig. 12

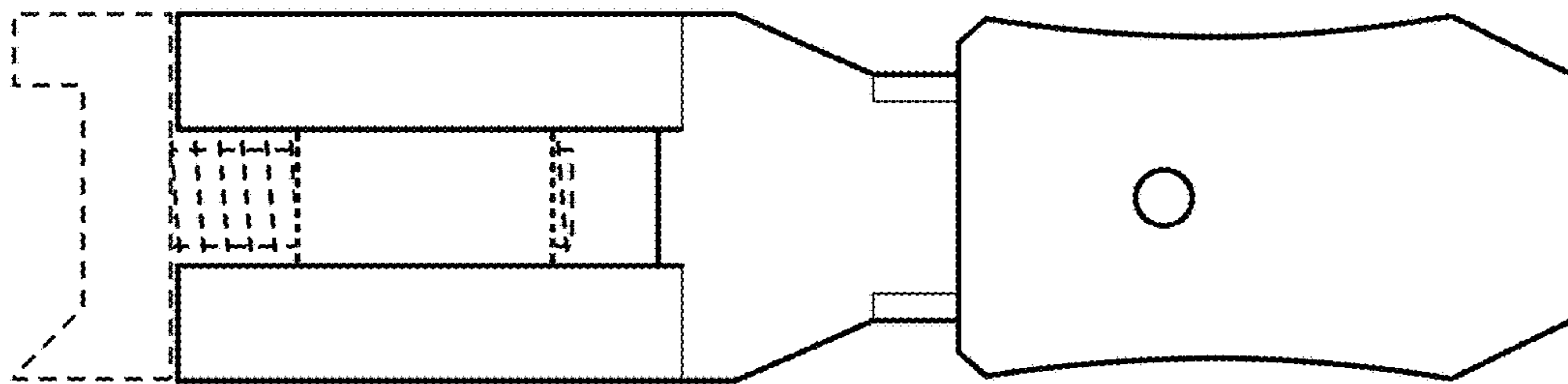


Fig. 13

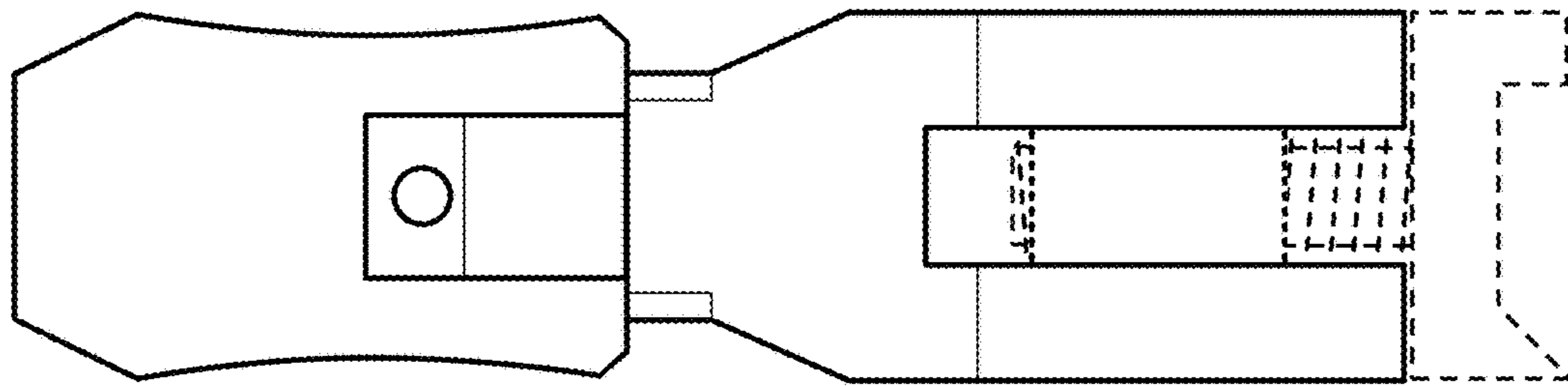


Fig. 14