

[54] FLEXIBLE GROUNDING PLATE FOR OVERHEAD UTILITY LINES

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[\*\*] Term: 14 Years

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[52] U.S. Cl. .... D13/133; 174/6

[58] Field of Search ..... D13/133, 137, 138, 139, D13/141, 151, 154; 174/6; 439/100, 96, 92, 790, 791

[56] References Cited

U.S. PATENT DOCUMENTS

585,185	6/1897	Crane	439/100
873,375	12/1907	Jones	174/6
1,540,249	6/1925	Brown	439/92
1,633,098	6/1927	Heese	174/2
1,864,688	6/1932	Frank	439/100
2,303,861	12/1942	Pennell	174/6
2,308,528	1/1943	Luecke	174/6
2,455,641	12/1948	Badeau et al.	174/6
2,545,048	3/1951	Salmons	174/6
2,683,765	7/1954	Luecke	174/6

OTHER PUBLICATIONS

Electrical Consultant, May, Jun. '85, p. 40, Grounding Plates in Fig. 7 and p. 42, Copper Ground Plate in Fig. 9.

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[57] CLAIM

The ornamental design for a flexible grounding plate for overhead utility lines, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a flexible grounding plate for overhead utility lines showing my new design; FIG. 2 is a bottom plan view thereof; FIG. 3 is a right side elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is an end elevational view thereof, the opposite end being substantially a mirror image of that shown; FIG. 6 is a top plan view of a flexible grounding plate for overhead utility lines, showing a second embodiment of my new design; FIG. 7 is a bottom plan view of FIG. 6; FIG. 8 is a right side elevational view of FIG. 6; FIG. 9 is a left side elevational view of FIG. 6; FIG. 10 is a top plan view of a flexible grounding plate for overhead utility lines, showing a third embodiment of my new design; FIG. 11 is a bottom plan view of FIG. 10; FIG. 12 is a right side elevational view of FIG. 10, the left side being a mirror image of that shown; FIG. 13 is a left end elevational view of FIG. 10; and FIG. 14 is a right end elevational view of FIG. 10. The fragmentary broken line showing of a ground wire in FIG. 1 is for illustrative purposes only and forms no part of the claimed design.

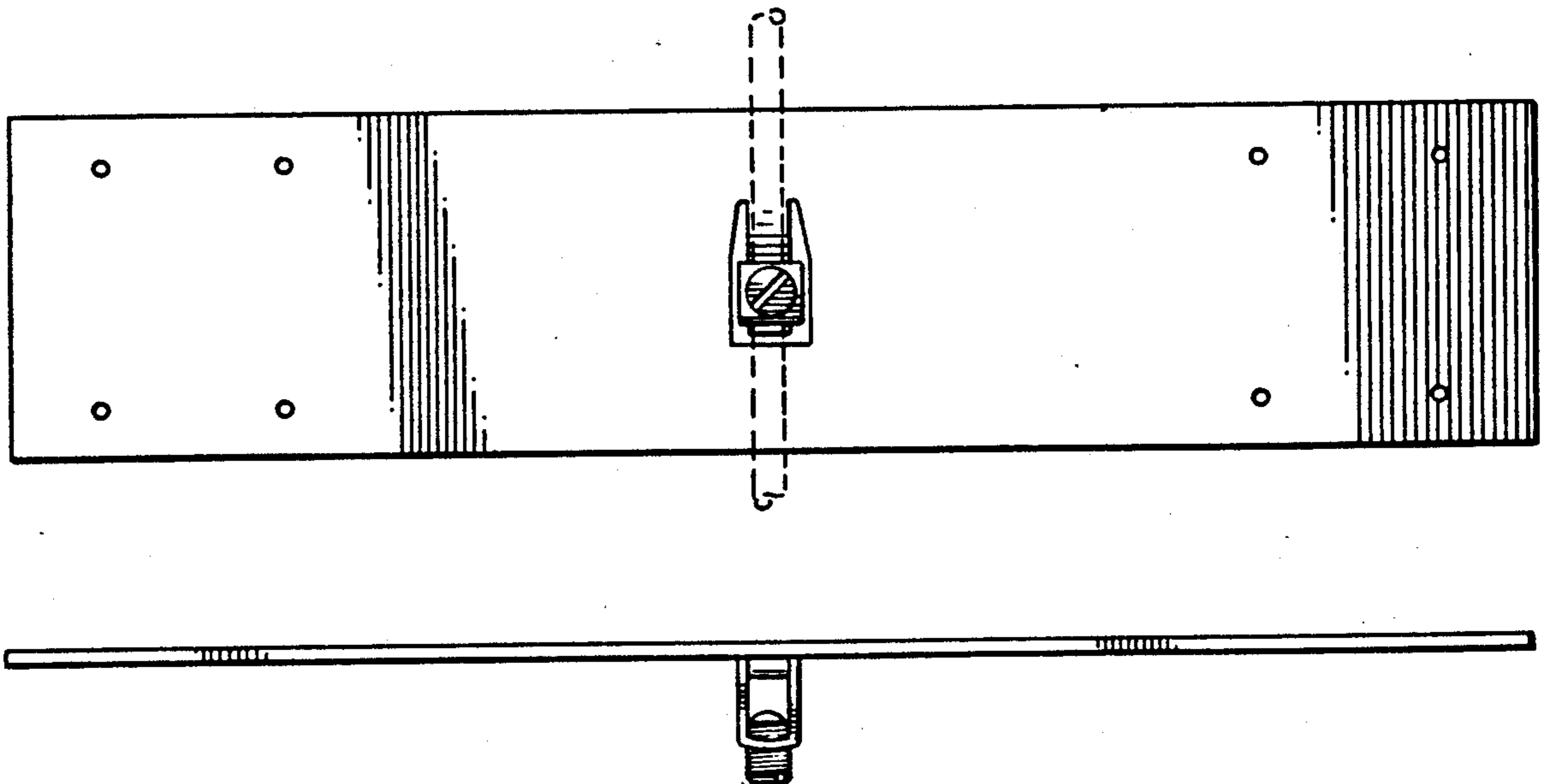


Fig. 1

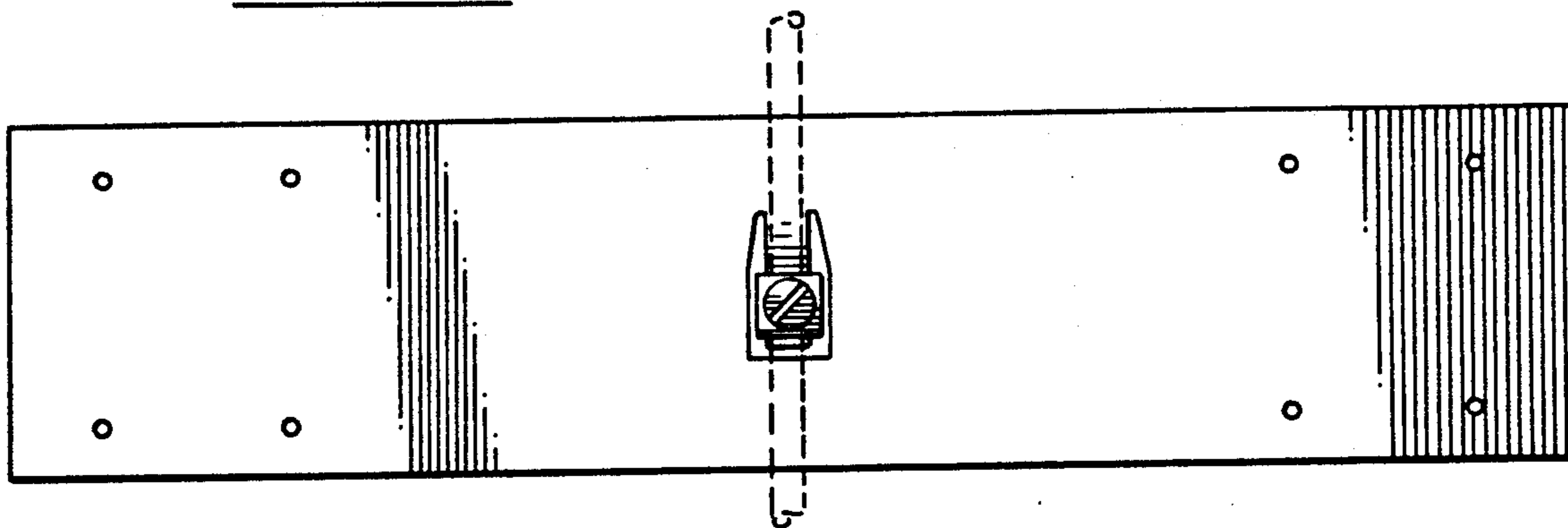


Fig. 2

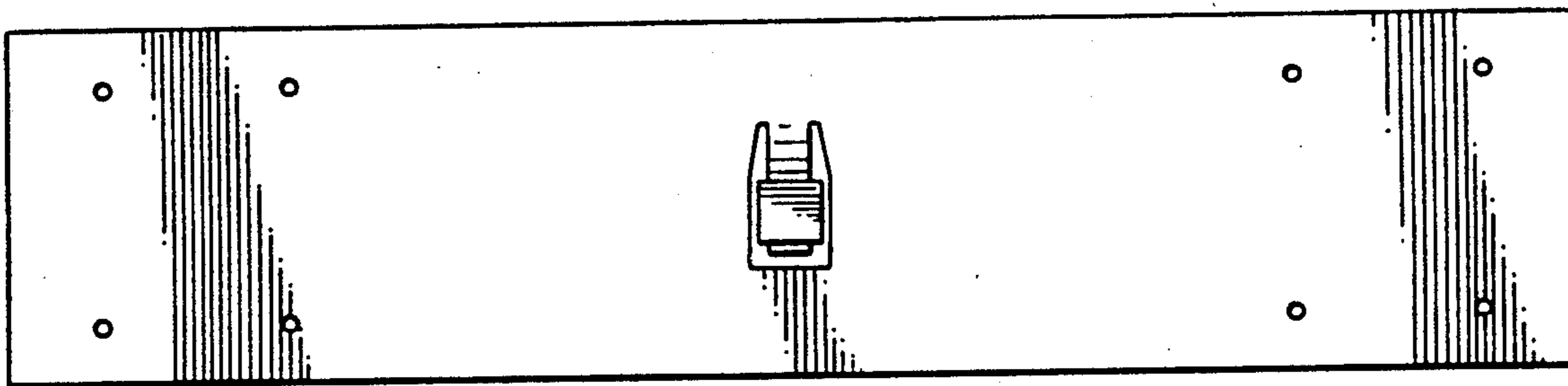


Fig. 3

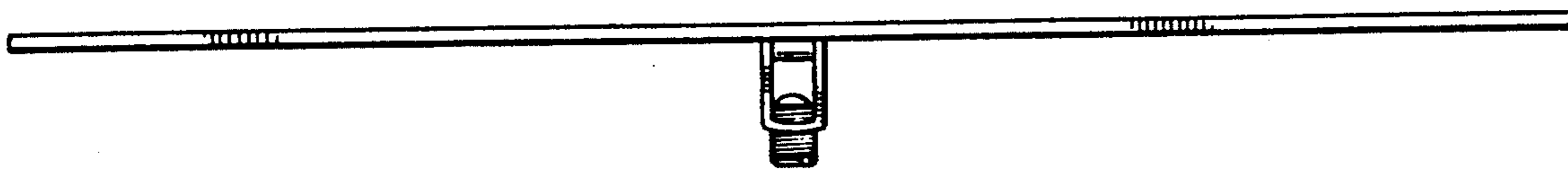


Fig. 4

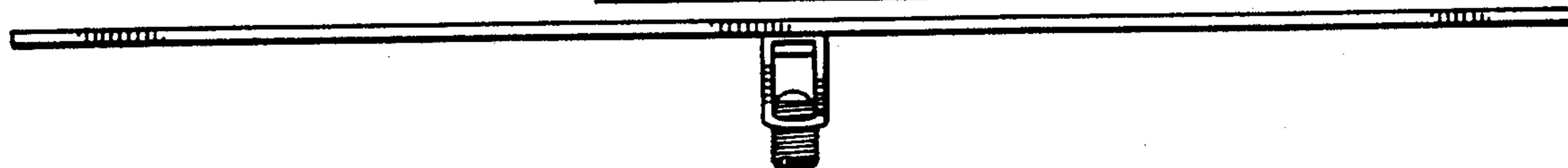


Fig. 5

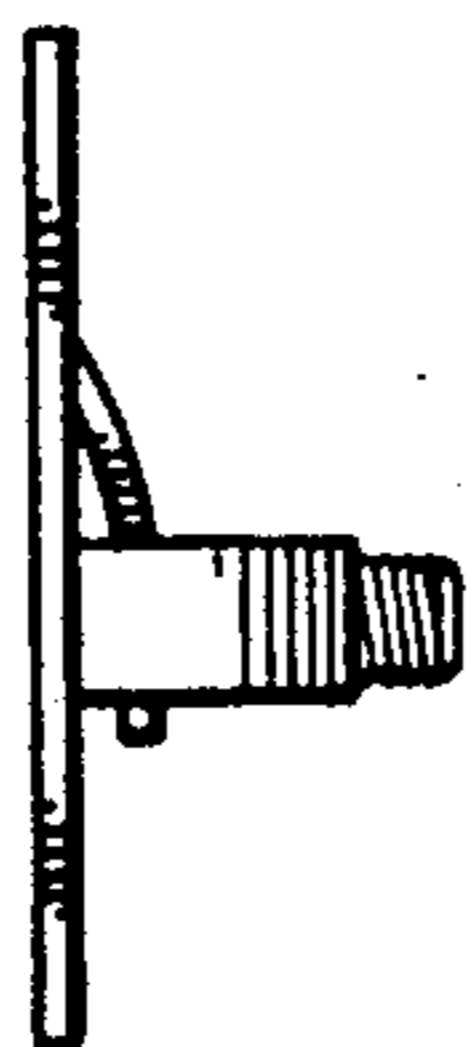


Fig. 6

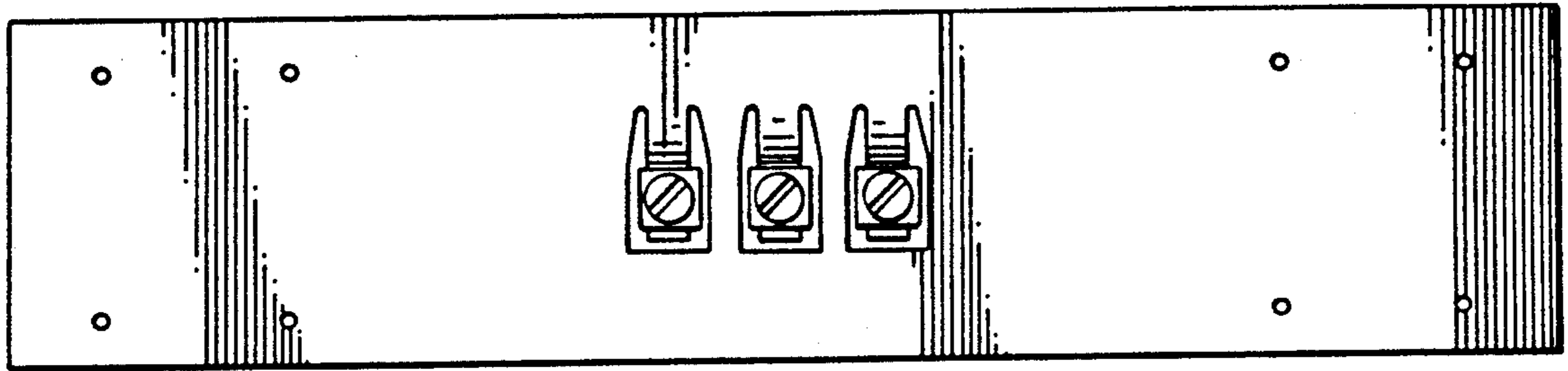


Fig. 7

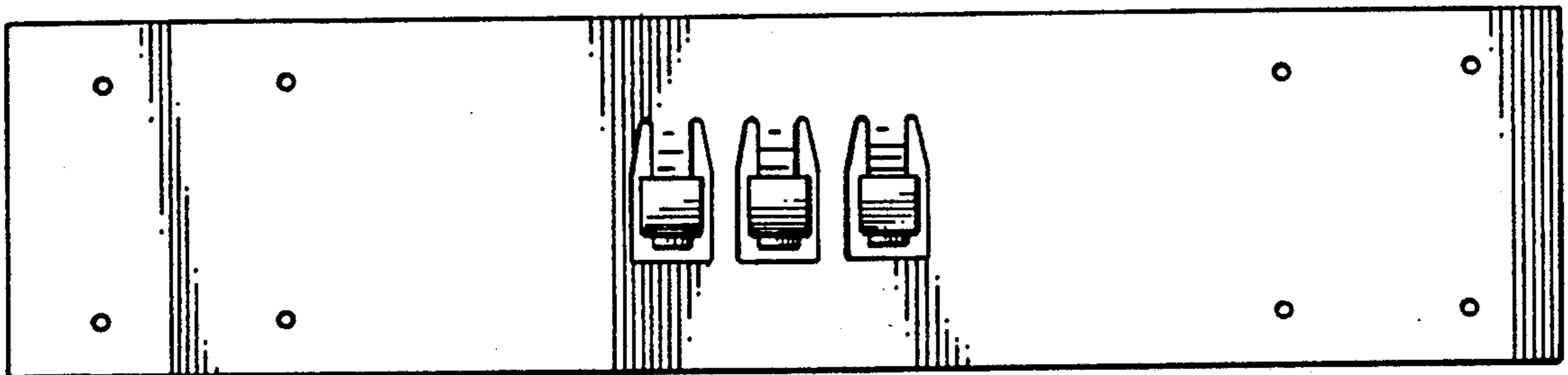


Fig. 8

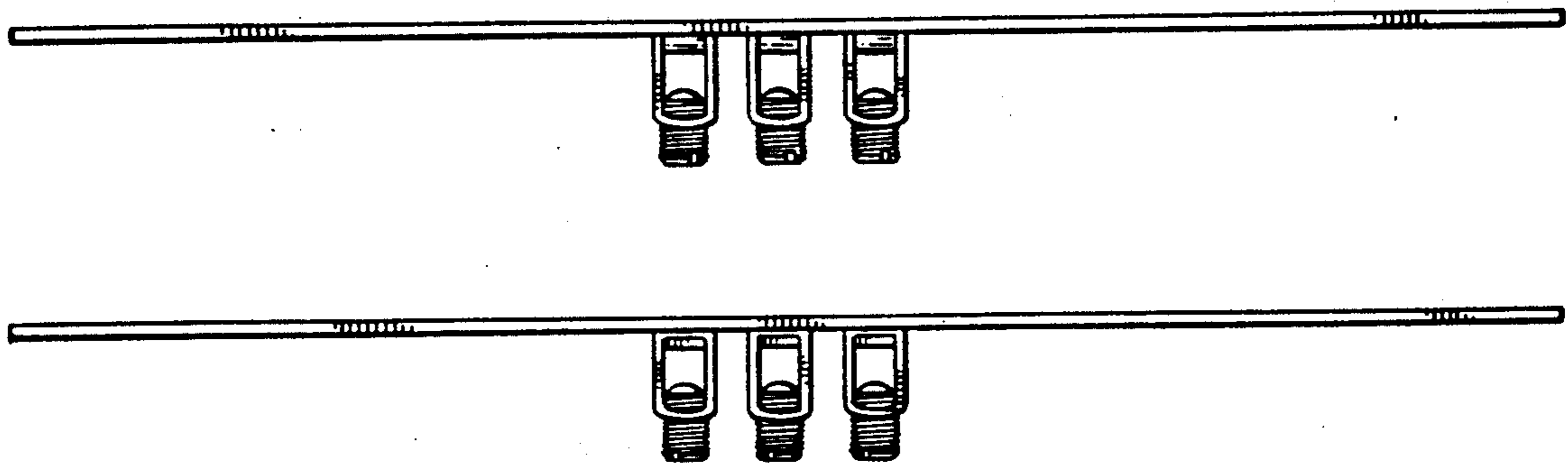


Fig. 9

Fig. 10

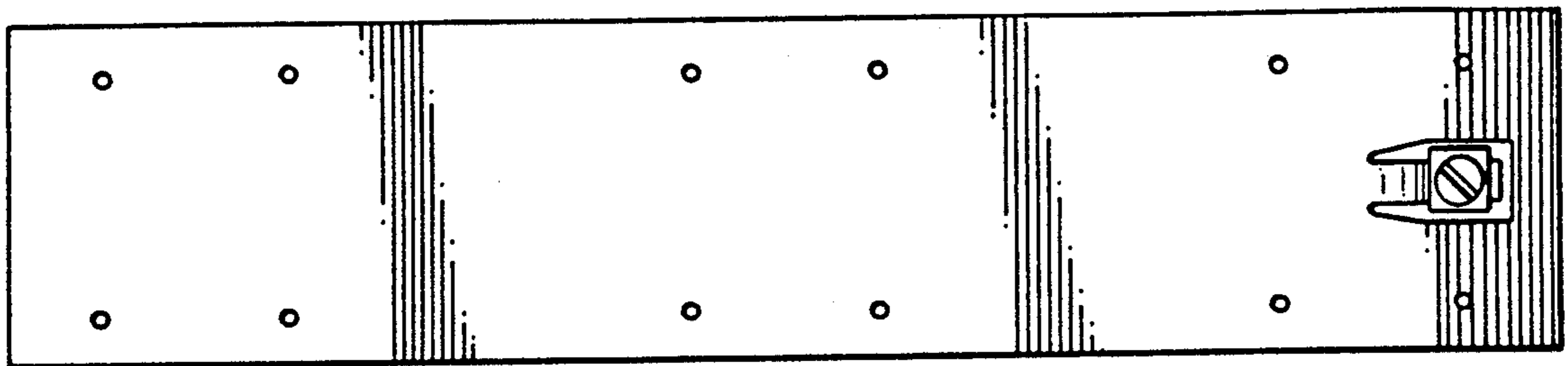


Fig. 11

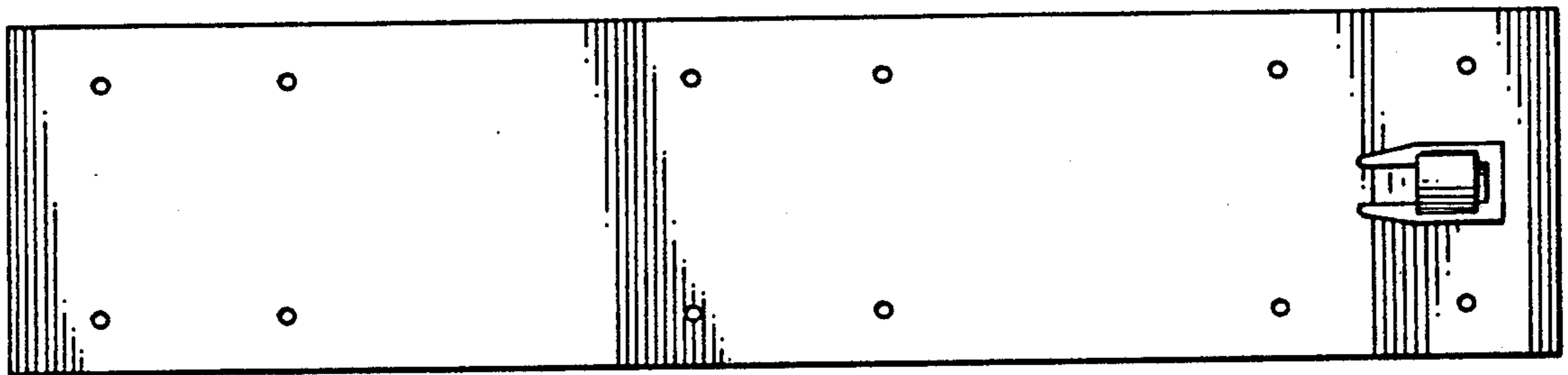


Fig. 12

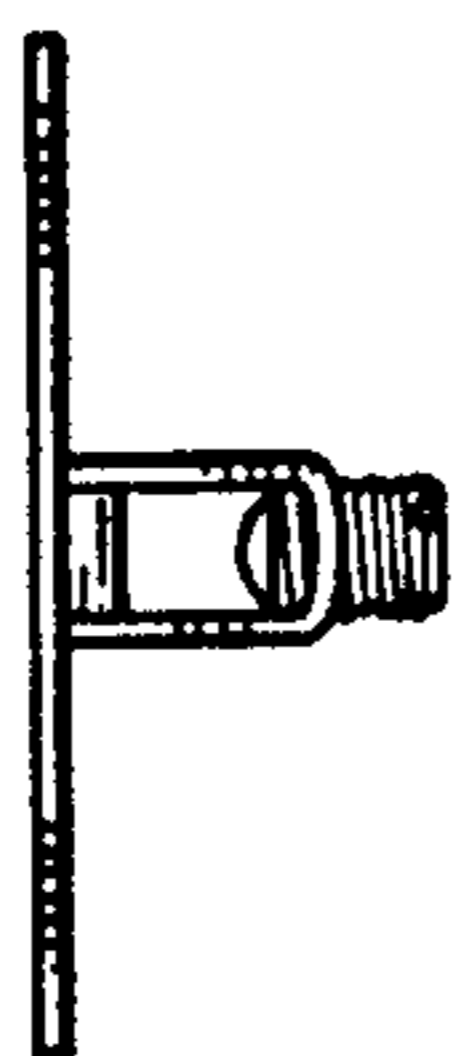
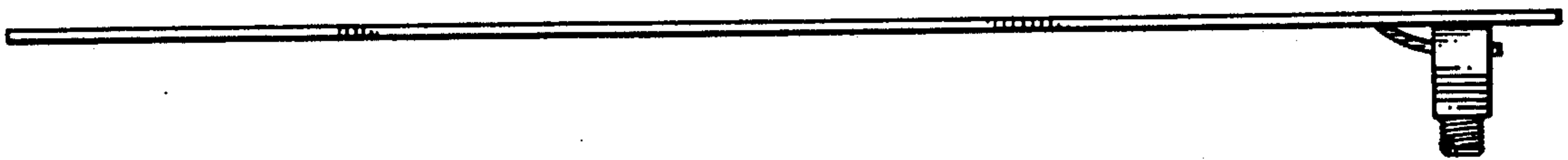


Fig. 13



Fig. 14