

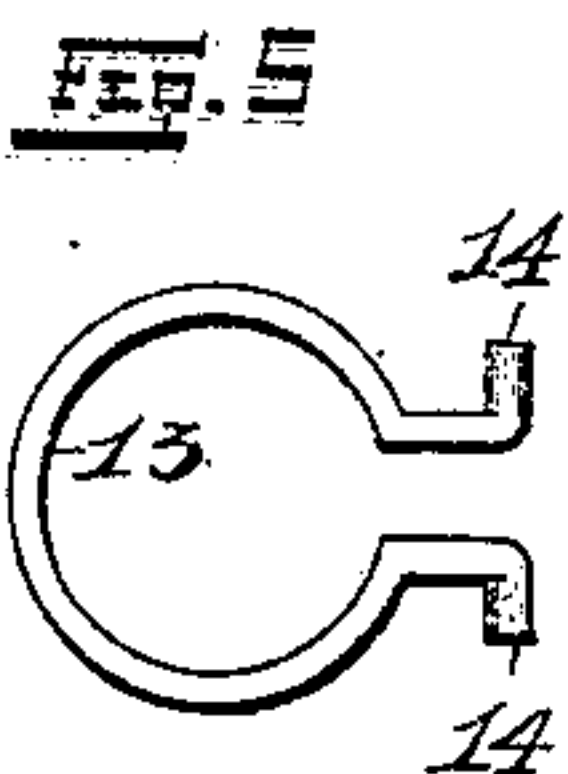
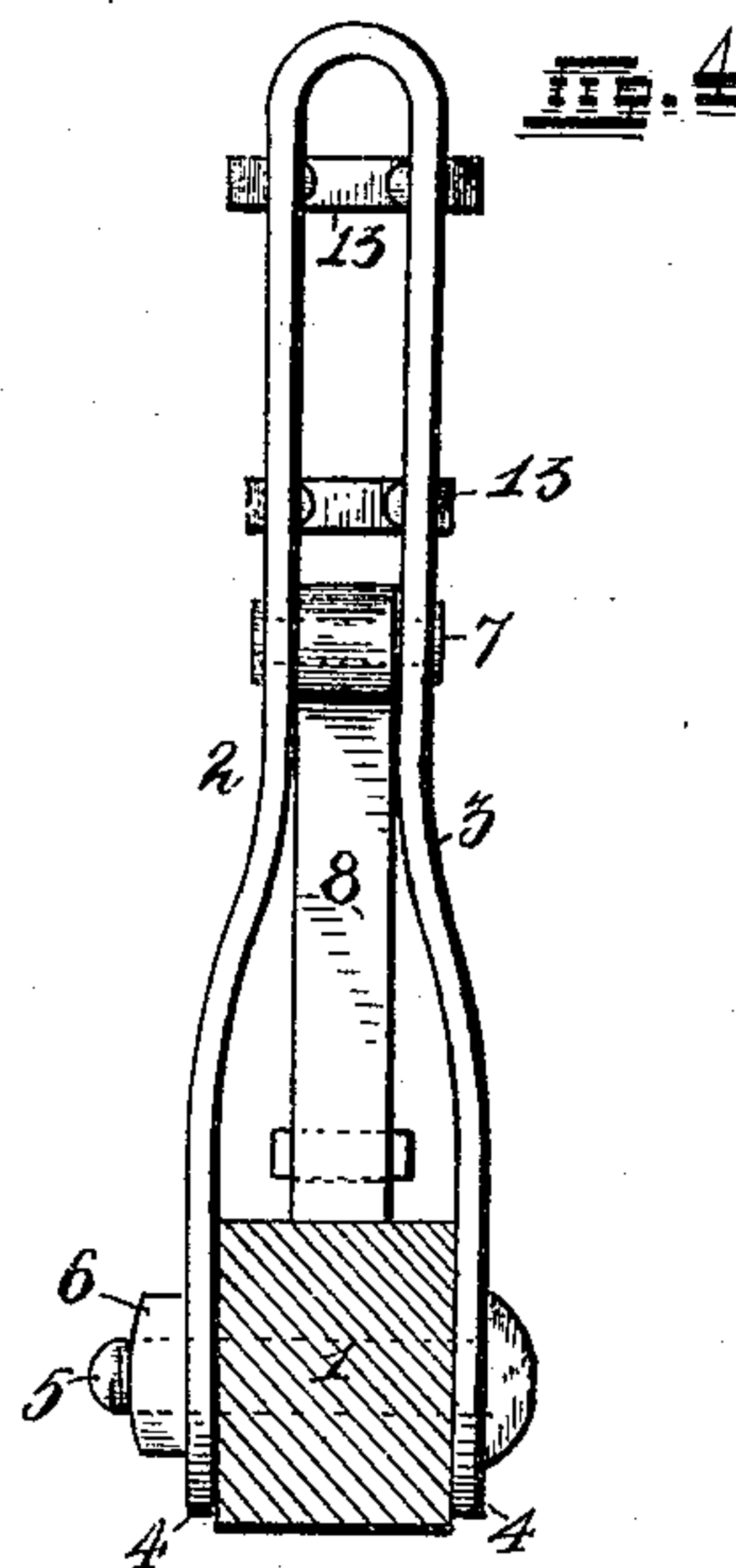
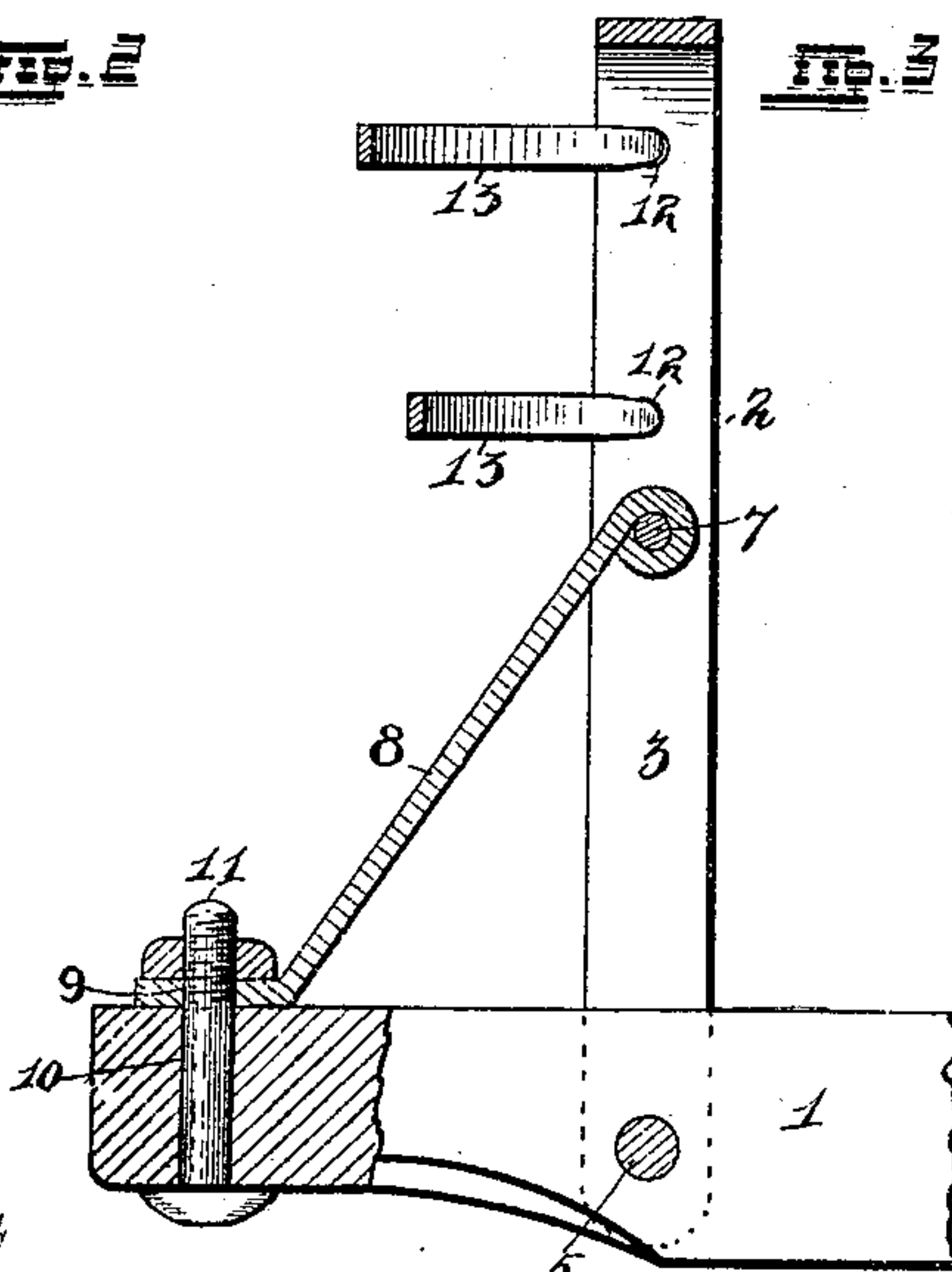
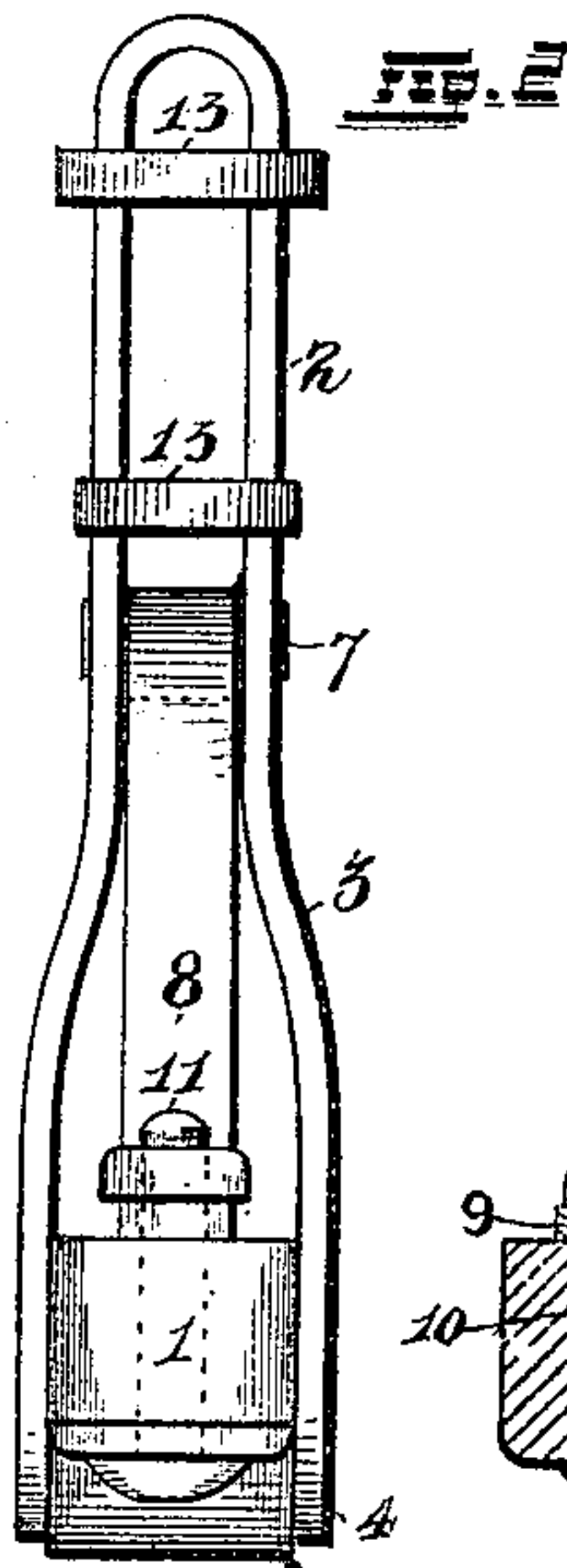
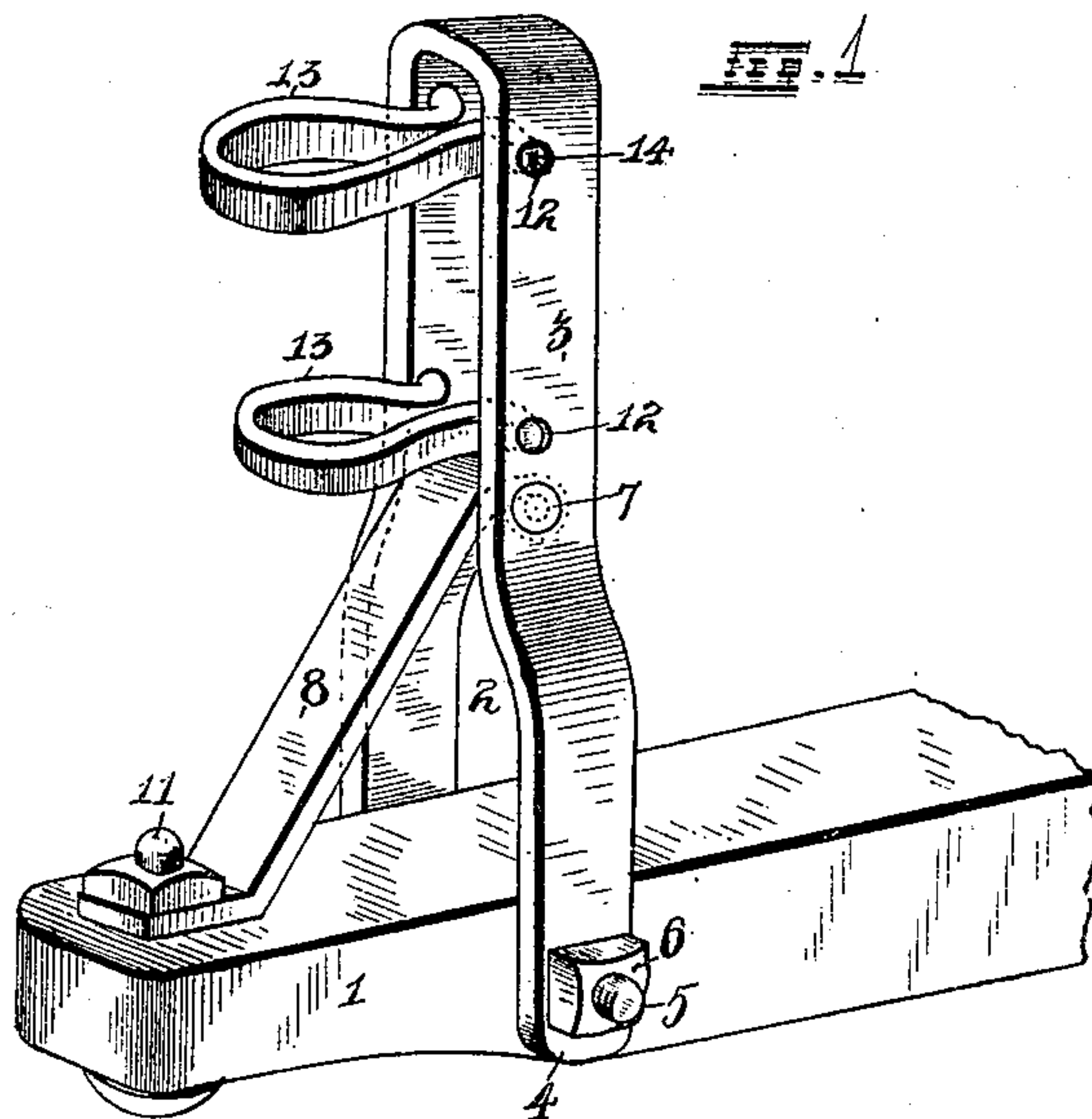
No. 641,347.

Patented Jan. 16, 1900.

R. M. THOMPSON.
WAGON STANDARD.

(Application filed Mar. 30, 1899.)

(No Model.)



Witnesses,

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UNITED STATES PATENT OFFICE.

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WAGON-STANDARD.

SPECIFICATION forming part of Letters Patent No. 641,347, dated January 16, 1900.

Application filed March 30, 1899. Serial No. 711,054. (No model.)

To all whom it may concern:

Be it known that I, RECTOR M. THOMPSON, of Brumley, county of Miller, and State of Missouri, have invented certain new and useful Improvements in Wagon-Standards, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

This invention relates to improvements in a wagon-standard; and it consists in the novel arrangement, construction, and combination of parts, as will be more fully hereinafter described, and set forth in the claims.

The object of this invention is to construct a standard all of iron or steel and which is applied to the bolster without the use of the usual mortise and can be set anywhere on the bolster, as the tenon formed on the ordinary wood standard is entirely dispensed with.

Another object is by the use of said invention the iron band which is placed around the bolster is also entirely dispensed with, and it may be removed or taken off in a few minutes, which is very necessary in hauling logs on farm-wagons. It is cheap and quickly applied.

Referring to the drawings, Figure 1 is a perspective view of my complete invention shown as applied to a bolster. Fig. 2 is an end view of my device viewing said perspective view from the left. Fig. 3 is a vertical longitudinal sectional view of the device. Fig. 4 is an end view viewing said perspective view from the right; Fig. 5, a detail top plan view of one of the loops carried by said standard.

In the drawings, 1 indicates a bolster of a farm or other wagon, and to this is applied my newly-invented standard 2, which consists of a band 3, of iron or steel, suitably bent to form an upright, shaped as shown in the drawings, which is the preferable form. This band 3 is provided at its bottom ends 4 with holes or bores which communicate with a like bore formed in the bolster, and through these bores is passed a bolt 5, tightened by a nut 6, holding said standard to the bolster 1. Through the band 3, at about its middle, is a pin 7, which passes through the entire width of said standard and is preferably

riveted at both its ends. (See Figs. 2 and 4.) Over this pin is bent and held a brace 8, which passes downward at an angle to rest snugly upon the top of said bolster. In this end is a hole or bore 9, which communicates with a similar hole or bore 10, formed in the bolster, through which is passed a bolt 11, holding said brace tightly to said bolster, which by the means of said brace the standard is firmly braced and supported. In the upper sides of said band 3 are provided bores 12. In these are inserted and supported loops 13, which are preferably made of spring-steel, and the ends 14 of said loops 13 are suitably bent and formed round, so as to smoothly operate in the bores 12. The loops being of spring-steel, they are inserted in their position in the standard by pressing the ends together and placing said ends in the standard, and by releasing the pressure the spring of the material will force the ends 14 into the bores 12.

The loops 13 are for the purpose of carrying and supporting a stake or extension bar which is used on various occasions for extending the height of the wagon by adding additional side-boards and also when the body is entirely removed, so that lumber may be hauled.

With this standard as constructed I save considerable amount of labor in applying it over the old construction and it is valuable in the matter of convenience. The old style is formed of wood and has at its base a tenon which fits into a mortise formed in the bolster. It is bounded by iron bands and is securely fixed in said mortise never to be removed. The mortise in the bolster is of such size that it weakens it more or less, while with my device a hole is merely bored and by means of a bolt the standard is securely held thereto.

By this form of standard any size wagon-body may be placed on the gearing, as the standards can be placed at any location on the bolster by adding additional holes for the insertion of the bolts.

This invention has its advantage over the present form because it is all constructed of metal, has no tenon to rot, it needs no iron band to be placed around the end of the bolster to prevent it from splitting, and can

be set any place upon the bolster. It can be taken off in a few minutes, which is very necessary in hauling logs, especially on farm-wagons.

5 I do not desire to limit myself to iron or steel nor to the precise construction of standard, as I may find other material that can be used and worked in like manner and may find a different design in which to build it.

10 Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a wagon-standard, a standard constructed to be applied to the sides of the bolster and held thereto by a bolt a brace secured to a pin passed through the standard, said brace secured to the top of said bolster by a bolt, rigidly bracing said standard, metallic loops provided with turned ends held in apertures formed in said standard, said loops for the purpose to carry an extension rod or

stake, substantially as shown and for the purpose set forth.

2. In a wagon-standard, having a standard formed of a strip of metal suitably bent and secured to the sides of a bolster, apertures formed in said strip, metallic loops provided with bent ends carried in said apertures, a pin placed through said strip, a brace provided with an eye through which said pin passes, said brace secured to the top of said bolster, said brace and standard secured to said bolster by bolts passing therethrough, said standard so constructed for the purpose to be removed at will, substantially as shown and for the purpose set forth.

In testimony whereof I affix my signature in the presence of two witnesses.

RECTOR M. THOMPSON.

Witnesses:

J. M. HAWKINS,

H. D. WALL.