

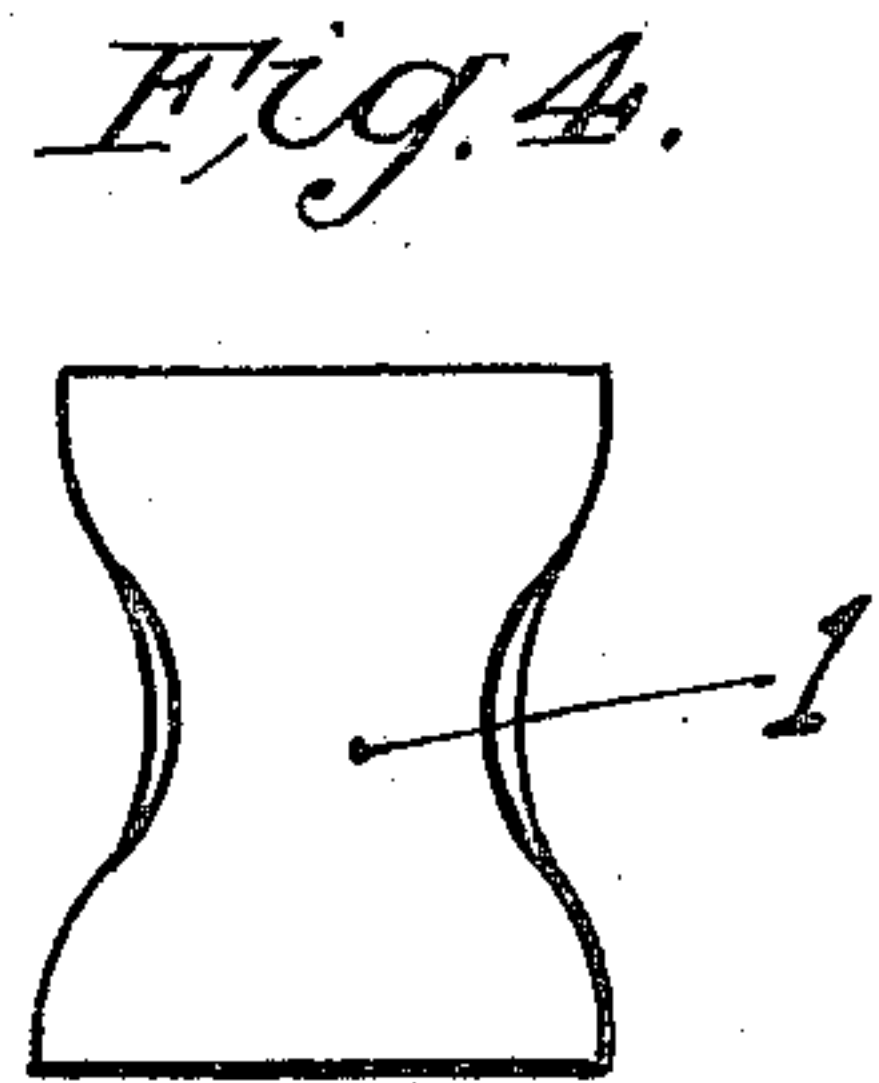
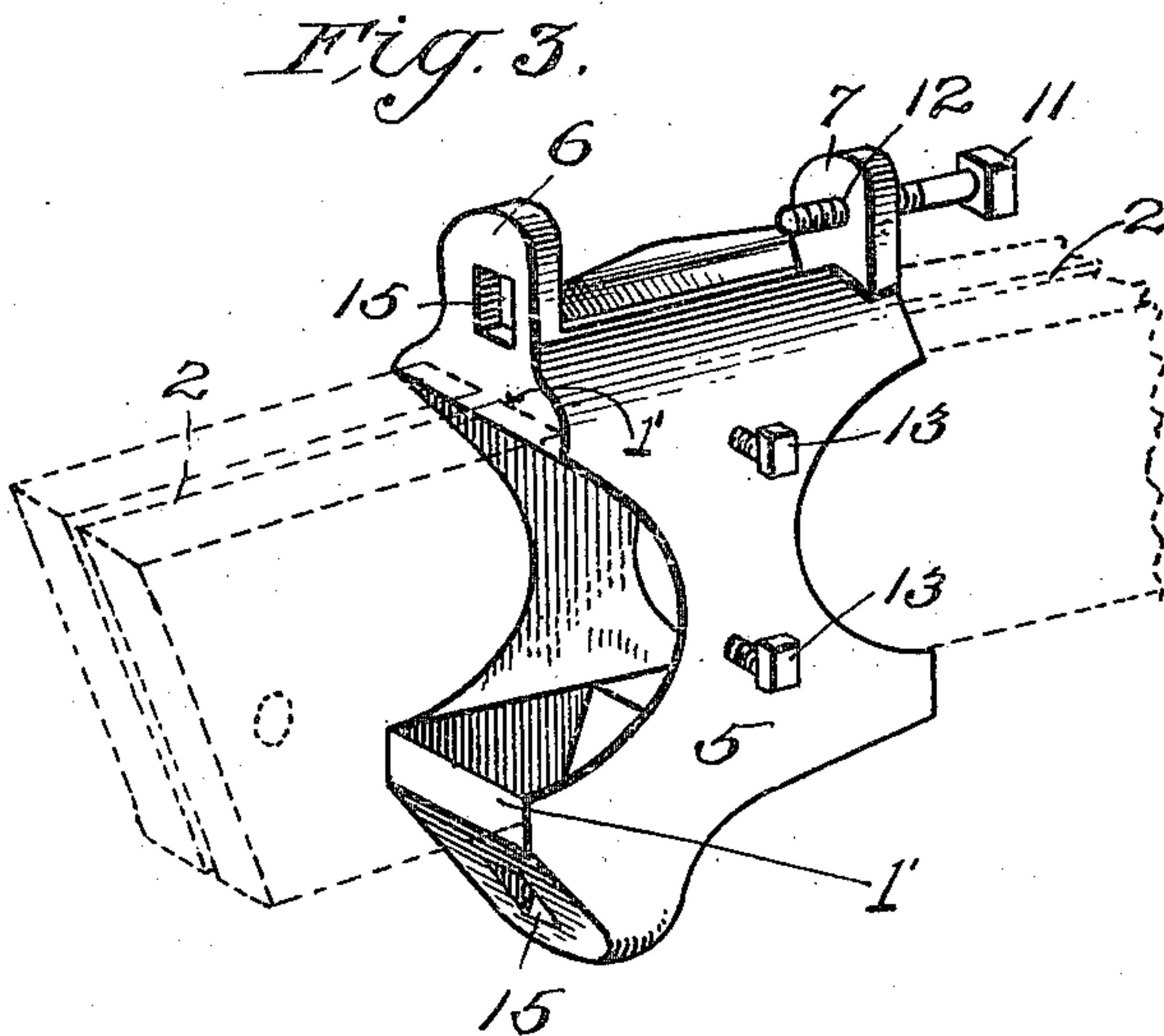
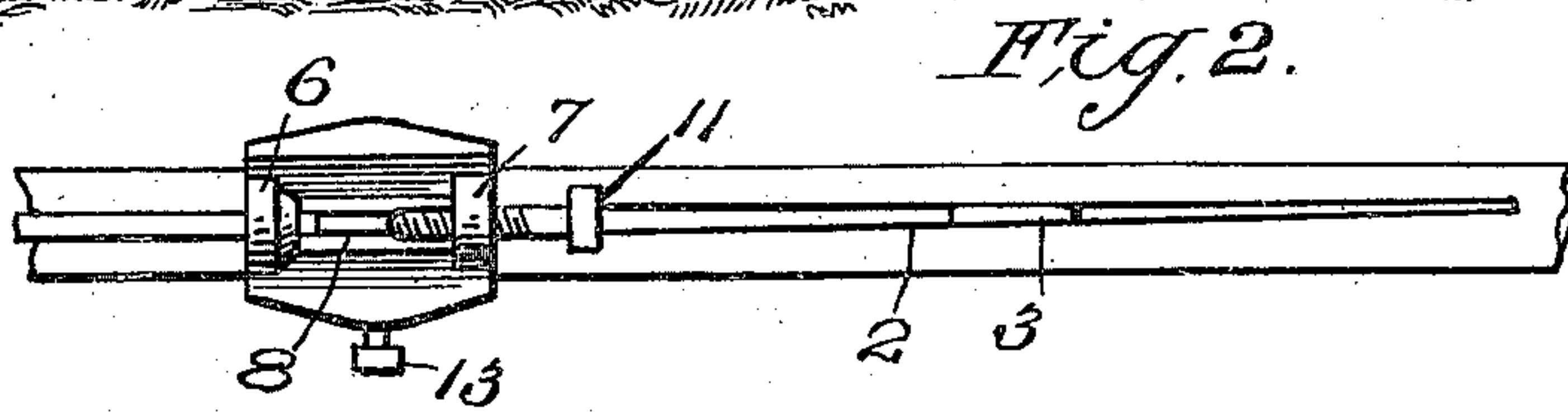
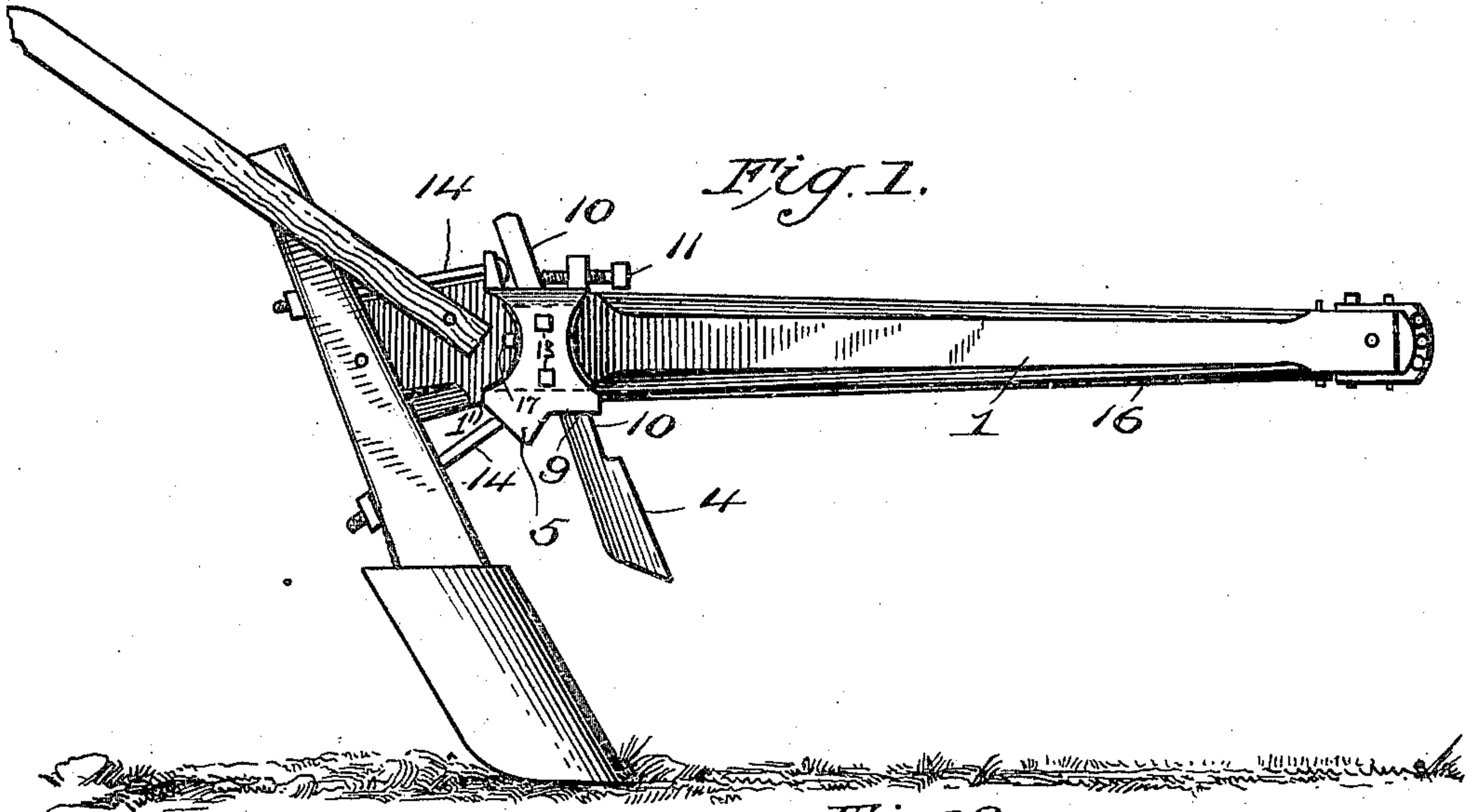
J. A. RODMAN.

PLOW.

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985,553.

Patented Feb. 28, 1911.



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UNITED STATES PATENT OFFICE.

JAMES A. RODMAN, OF WYNNE, ARKANSAS.

PLOW.

985,553.

Specification of Letters Patent.

Patented Feb. 28, 1911.

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To all whom it may concern:

Be it known that I, JAMES A. RODMAN, a citizen of the United States, residing at Wynne, in the county of Cross and State of Arkansas, have invented certain new and useful Improvements in Plows, of which the following is a specification.

My device has relation to new and useful improvements in plows and especially to the colters thereof.

The main object of my invention is to produce means whereby the colter may be adjusted vertically or the angle that it forms with a vertical line may be varied.

Another object of my invention is to produce the above results and, at the same time, have a plow that will be strong, durable and efficient.

I preserve the strength of the beam by a particular method which will be fully pointed out in the following specification.

With the above and other objects in view my invention consists in the novel construction and arrangement of parts as are described in this specification, illustrated in the accompanying drawings forming a part thereof and pointed out in the appended claim.

Having reference to the drawings: Figure 1 is a side elevation of the device. Fig. 2 is a top plan view thereof, partly broken away, the colter being not shown. Fig. 3 is a perspective view of that part of the beam upon which the collar is mounted that supports the colter. Fig. 4 is a detail.

My invention is described as follows: The beam 1 of the plow is provided with a longitudinally disposed vertical slot 2, passing therethrough. A block 3 is interposed between the inner walls of said slot about midway the ends of said beam. The longitudinal slot is just sufficiently wide to accommodate the thickness of the colter 4, thus the strength of the beam is preserved which is very necessary to the durability of the plow. Encircling said beam near the rear end thereof is a collar 5, which collar is provided with lugs 6 and 7 and a slot 8 which registers with the slot 2. A perforation 9 is provided in the under face of the

collar through which the reduced portion 10 of said colter passes. Said reduced portion also passes through said slot 8. Thus it will be seen that while that part of the reduced portion 10 which passes through the perforation 9 is held against forward or rearward movement and that part which passes through the slot is adapted to be adjusted forward or rearward by means of a set screw 11, the angularity of the plow in relation to a vertical line may be altered. Said set screw 11 passes through a threaded perforation 12 in said lug 7.

The position of the collar 5 upon the beam 1 may be altered when desired and may be held temporarily in any position by means of the grass rods 14, which rods engage the collar by means of the perforated lug 6 and the perforation 15, which perforation is in the under side of said collar. As shown, the collar is held against backward movement upon the beam by means of the shoulders 1¹ of said beam. The collar 5 is provided with set screws 13 in one of its side walls, which screws close the slot, pressing its inner walls against the colter 4 and thus preventing vertical movement thereof. A metallic strip 16 having a slot through which passes said colter 4 runs along the lower face of said beam and adds strength thereto.

Although I have specifically described the construction of my plow yet I may reserve and exercise the right to make such changes therein as do not depart from the spirit of my invention or the scope of the appended claim.

Having described my invention what I claim as new, is:

A plow whose beam is provided with a longitudinal vertically disposed slot, a collar encircling the beam and provided with a slot in its upper portion registering with said first-mentioned slot and further provided in its under side with a perforation, a perforated lug formed integral with the rear upper edge of the collar and a perforation in the under side of the collar, grass rods interposed between the collar and the standard, one of the rods connected to said

lug, the other connected to the collar by means of inner walls of the perforation, a colter the reduced portion of which is adapted to pass through the said perforation in the collar, the slot in the beam and said registering slot in the collar, means to temporarily engage the colter in any of its vertical positions and means to secure the

collar upon the beam against forward or rearward movement.

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

JAMES A. RODMAN.

Witnesses:

G. B. EDWARDS,

F. O. COGBIN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."