

C. J. GETERMAN.  
TOE WEIGHT.  
APPLICATION FILED JUNE 10, 1908.

915,849.

Patented Mar. 23, 1909.

Fig. 1.

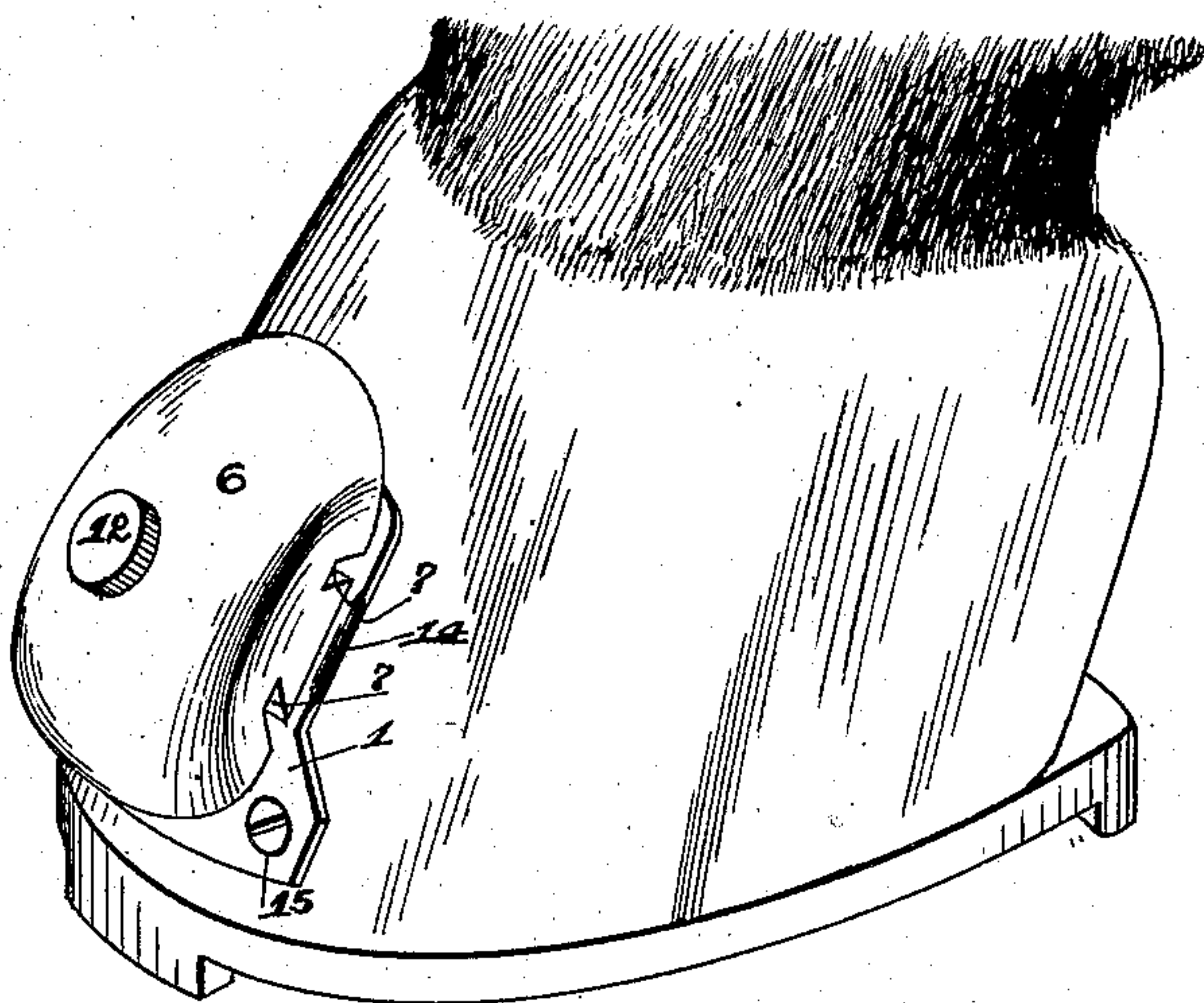


Fig. 2.

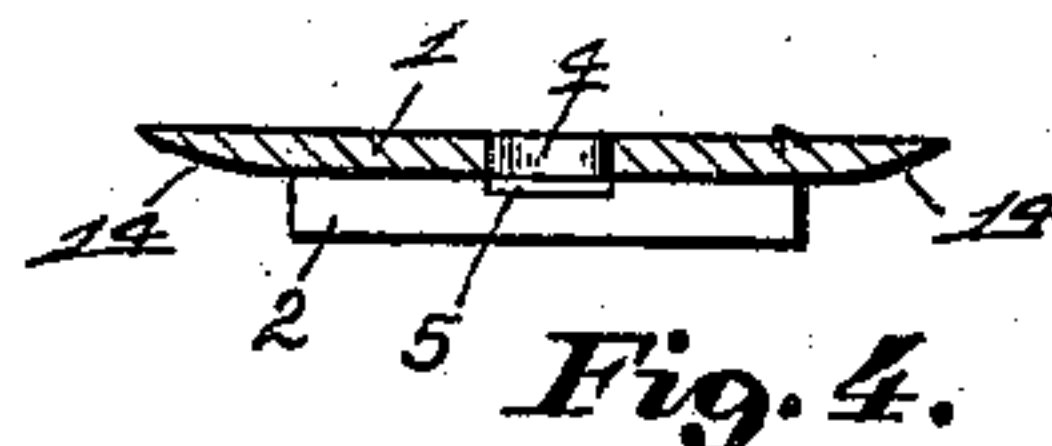
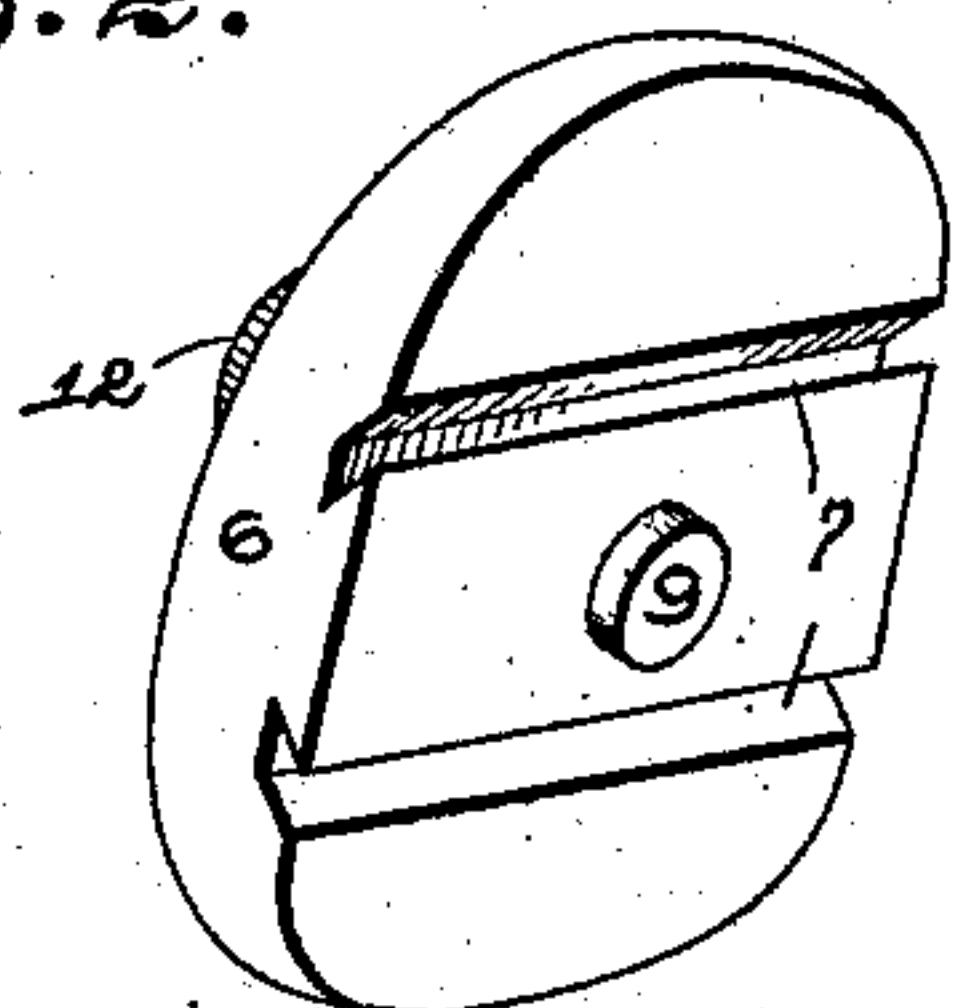


Fig. 3.

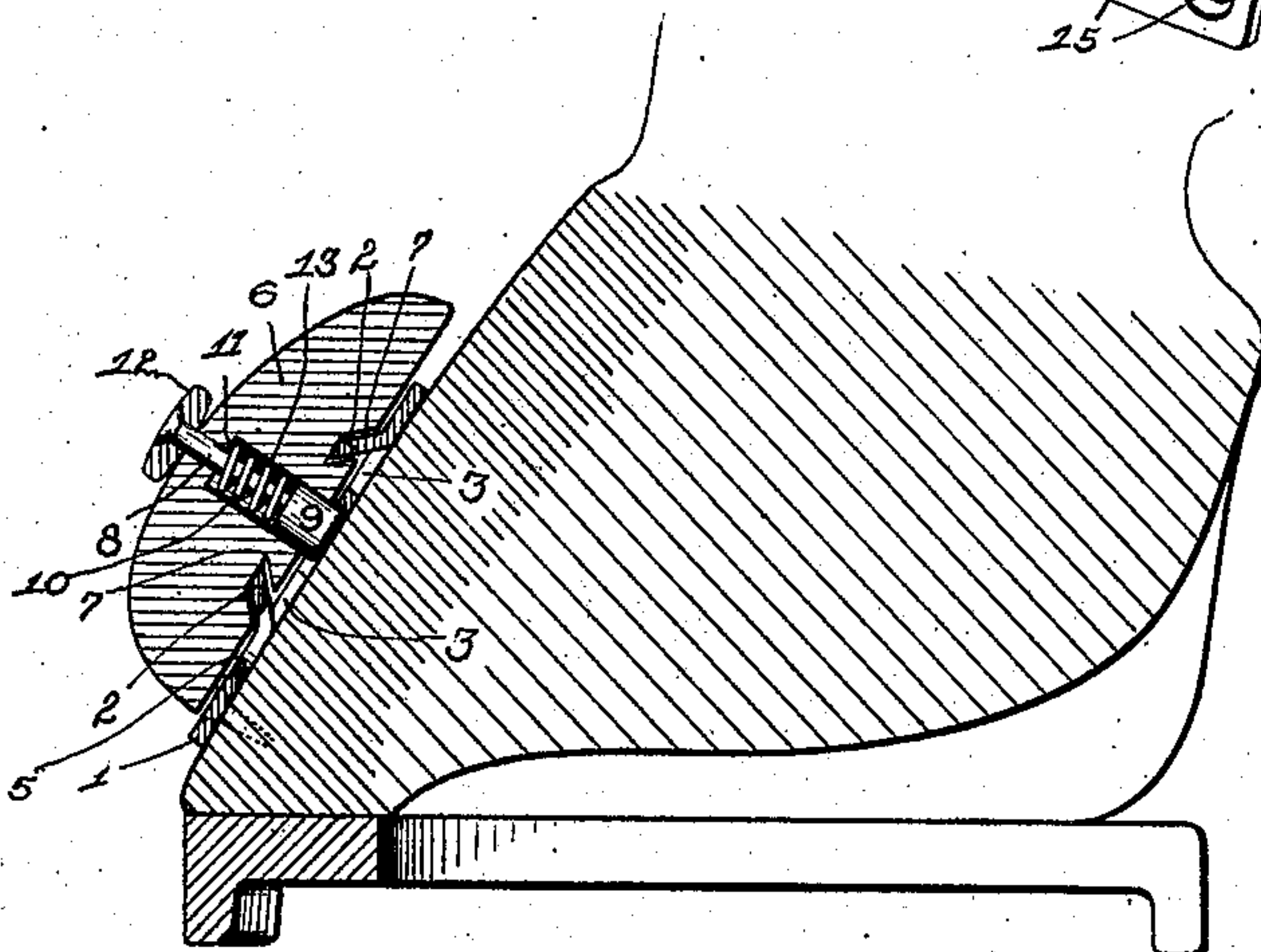
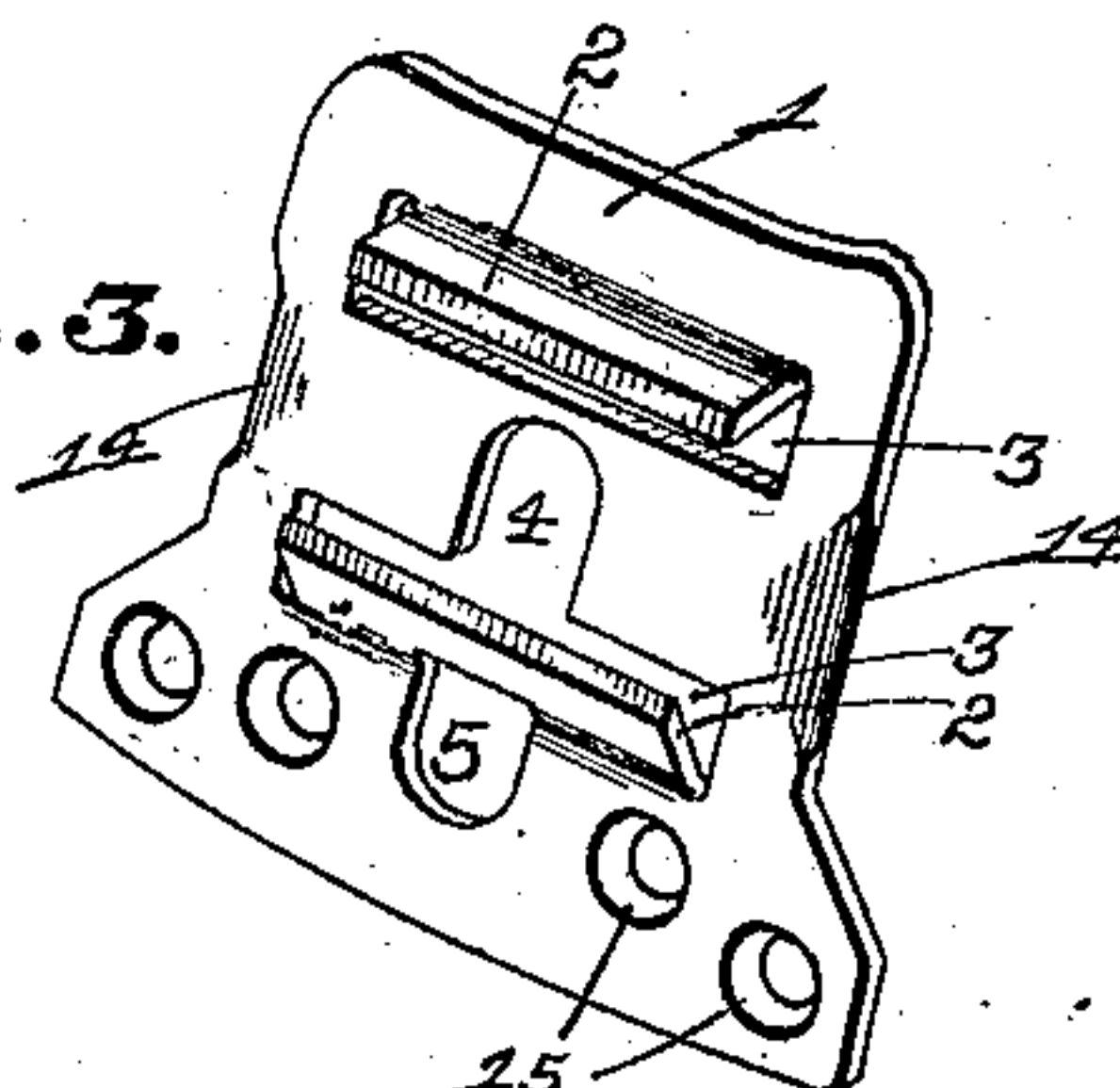


Fig. 5.

Witnesses

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By

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# UNITED STATES PATENT OFFICE.

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## TOE-WEIGHT.

No. 915,849.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed June 10, 1908. Serial No. 437,610.

*To all whom it may concern:*

Be it known that I, CHARLES J. GETERMAN, a citizen of the United States, and resident of Canton, Stark county, Ohio, have  
5 invented certain new and useful Improvements in Toe-Weights; and I do hereby declare the following to be a full, clear, and exact description of the invention.

My invention relates to an improvement  
10 in toe-weights, the object being to provide a device of very simple construction and inexpensive to manufacture and adapted to be secured to a horse's-hoof independently of the shoe and when so secured is adapted to  
15 receive removable weights of varying sizes and weights.

With this end in view my invention consists in certain novel features of construction and combination of parts as will be herein-  
20 after more fully described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my improved device secured to a horse's-hoof. Fig. 2 is a de-  
25 tached view of the removable weight and its retaining pin. Fig. 3 is a detached view of the plate designed to be connected to the horse's hoof. Fig. 4 is a transverse horizontal section of the plate. Fig. 5 is a  
30 cross-section showing the plate and weight in proper relationship with reference to each other when attached to a horse's hoof.

Similar numerals of reference indicate corresponding parts in all the figures of the  
35 drawing.

In the accompanying drawing, 1 represents the plate designed to be connected to the horse's-hoof and is shaped to conform to and fit closely the curvature of a horse's-  
40 hoof. The plate 1 is provided with flanges 2 which flanges are located parallel with reference to each other and are cut from the body of the plate 1 at their ends and their inner sides so that the flanges 2 can be bent  
45 at an angle to the plate whereby openings 3 are produced, which openings serve to provide better ventilation. The plate 1 is provided with the opening 4, which opening is located about midway between the vertical  
50 edges of the plate 1, and between the parallel flanges 2. The opening 5 is continued downward, which is a continuation of the opening 4, located below the lower flange 2 and is so located for the purpose hereinafter described. The weight 6 is provided with

the parallel grooves 7, which grooves are for the purpose of receiving the flanges 2, said grooves and flanges being located at such angles with reference to each other that when the weight 6 is placed in the position  
60 illustrated in Figs. 1 and 5, the weight will be held in proper position, except that the weight can be moved or slid upon the flanges.

For the purpose of preventing any sliding movement of the weight upon the flanges  
65 said weight is provided with the pin 8 which pin is provided with the head 9, which head is for the purpose of engagement with the aperture or opening 4.

For the purpose of normally holding the  
70 pin 8 in the position illustrated in Fig. 5 the spring 10 is provided, which spring is located around the pin 8 and between the head 9 and the shoulder 11. For the purpose of providing a means for easily removing the  
75 weight 6, the pin 8 is provided with the pull-knob 12, which knob is securely attached in any convenient and well known manner to the outer end of the pin 8. It will be understood that by locating the spring 10 around  
80 the pin 8 and placing the spring in the chamber 13, said pin will be normally held so as to hold the head 9 in position to engage the aperture or opening 4. In use when it is de-  
85 sired to connect the weight 6 the weight is brought into position to register the ends of the flanges 2 with the grooves 7 after which the weight can be slid so as to bring it into position illustrated in Fig. 1.

For the purpose of automatically pushing  
90 the pin 8 outward as the weight is being brought into its normal position the plate 1 is provided with the beveled or inclined edges 14. Upon the beveled or inclined  
95 edges the inner end of the head 9 rides and forces the pin and head outward; but when the head 9 registers with the opening 4, the spring 10 will automatically force the pin endwise thereby causing the head 9 to en-  
100 gage the opening 4, after which there can be no relative movement as between the plate 1 and the weight 6. When it is desired to remove the weight the pin 8 is pulled out by means of the pull-knob 12, thereby dis-  
105 engaging the head from the opening 4, after which the weight can be slid upon the flanges in either direction until it is entirely disengaged from the plate.

For the purpose of connecting the plate 1 to a horse's-hoof the apertures 15 are pro- 110



vided through which apertures the ordinary fastening devices such as nails or screws are passed. The lower opening 5 is for the purpose of allowing any dirt to escape when the weight is placed in position upon the plate, the dirt falling below the lower flange 2. In order to accomplish this result the lower flange bridges the top of the lower opening 5 this feature being best illustrated in Fig. 3.

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

1. A toe weight consisting of a flanged plate shaped to fit the hoof and provided with an opening located between the flanges and a series of apertures for the reception of means for attaching said plate to the hoof, said plate provided with inclined faces located between and opposite the ends of the flanges, a weight provided with grooves adapted to receive the flanges between the plates, and a headed pin, the head thereof

adapted for engagement with the opening between the flanges of the plate and means for holding the pin in engagement with the opening, substantially as and for the purpose specified.

2. A toe weight consisting of a plate having parallel flanges bent from the body of said plate, an opening located between the flanges and extending below the lower flange of the parallel flanges, said plate provided with inclined outer faces, a weight provided with grooves adapted to receive the parallel flanges on the plate and means for holding the weight against sliding movement upon the flanges, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

CHARLES J. GETERMAN.

Witnesses:

WILLIAM H. MILLER,  
JOHN H. SPONSELLER.