

No. 854,644.

PATENTED MAY 21, 1907.

B. HUCKLEBY.  
HOOF TRIMMING DEVICE.  
APPLICATION FILED DEC. 5, 1906.

Fig. 1.

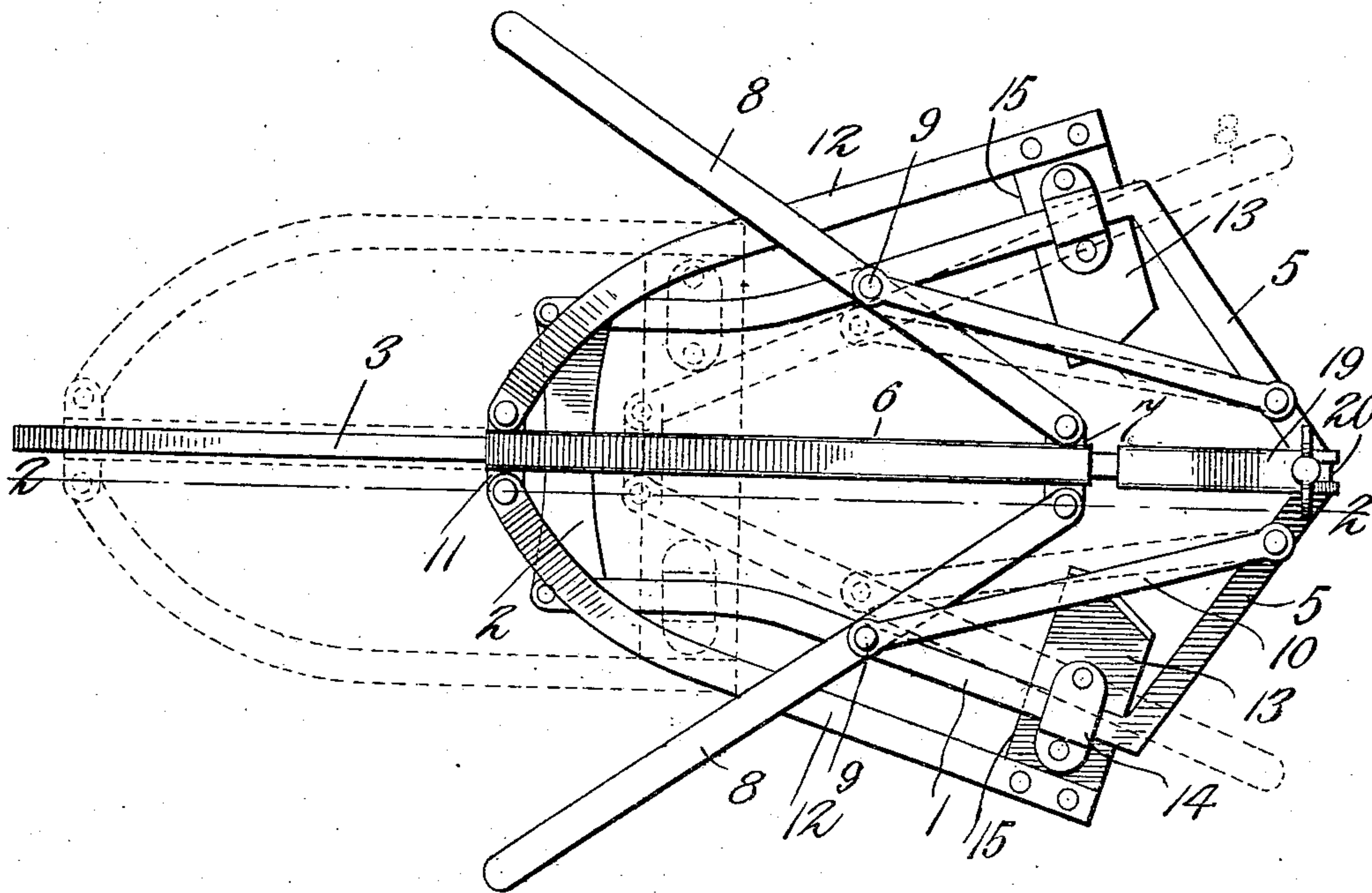
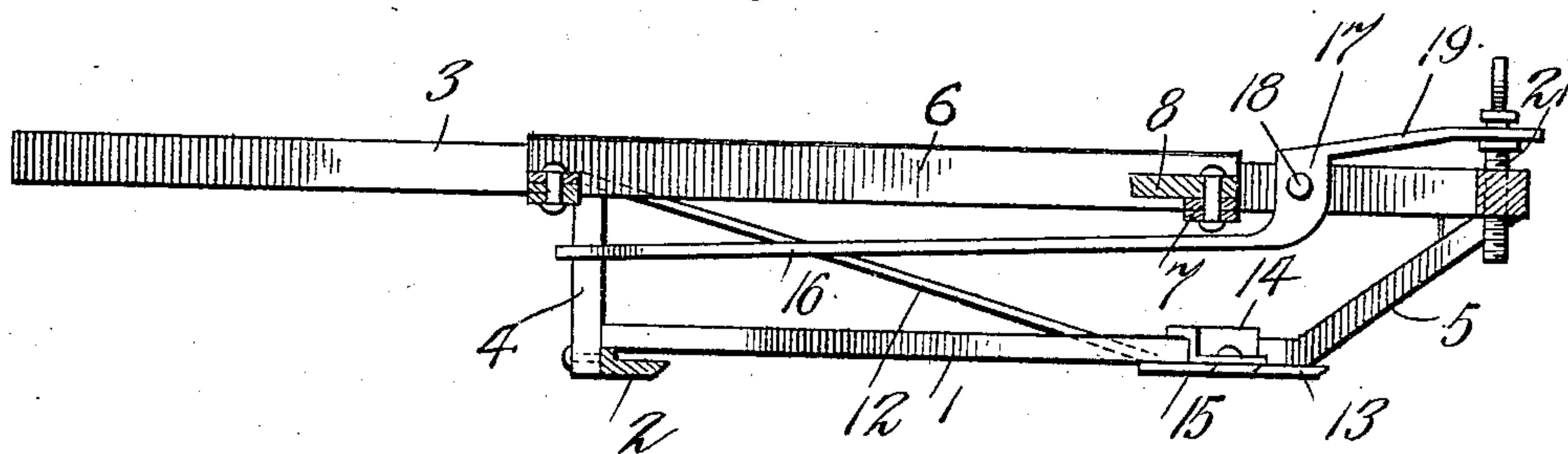


Fig. 2.



Witnesses

Geoffrey

Dr. J. Elmore

Inventor

Berry Huckleby

By

Victor J. Evans

Attorney



# UNITED STATES PATENT OFFICE.

BERRY HUCKLEBY, OF BONHAM, TEXAS.

## HOOF-TRIMMING DEVICE.

No. 854,644.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed December 5, 1906. Serial No. 346,499.

*To all whom it may concern:*

Be it known that I, BERRY HUCKLEBY, a citizen of the United States, residing at Bonham, in the county of Fannin and State of Texas, have invented new and useful Improvements in Hoof-Trimming Devices, of which the following is a specification.

This invention relates to hoof trimming devices of the type employed for preparing animals' hoofs in the operation of shoeing, and has for its object to provide a comparatively simple, inexpensive device of this character which may, in practice, be readily manipulated, one whereby the hoof may be quickly and accurately trimmed, and one which may be conveniently adjusted for varying the depth of the cut to be effected.

With these and other objects in view, the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings: Figure 1 is a reverse plan view of a trimming device embodying the invention. Fig. 2 is a side sectional elevation, the section being taken on the line 2—2 of Fig. 1.

Referring to the drawings, it will be seen that the frame of the device comprises a pair of upper side bars of rails 1 inclined forwardly and inwardly throughout a portion of their length and connected at their forward ends, which extend in substantially parallel relation, by means of a cross head 2, there being arranged in a plane beneath that of the rails 1 a central, longitudinal guide rail 3, which projects a suitable distance beyond the forward end of the frame in which it is connected at a point between its ends by means of a perpendicular post 4 and at its rear end through the medium of diagonally inclined end members or bars 5, preferably formed integral with the side rails 1.

Arranged for endwise reciprocation on the guide rail 3 is a traveler member or slide 6 provided at its rear end with transverse bearing ears 7 to which are pivoted operating levers 8 fulcrumed between their ends as at 9 to the forward ends of links 10 in turn pivoted at their rear ends to the bars 5, there being provided at the forward end of the traveler transversely projecting ears 11, to which are pivoted the forward ends of knife carrying members or bars 12 bolted or otherwise detachably engaged at their rear ends with inwardly projecting trimming knives or blades 13 extended transversely of the bars 1 to

which they are slidably connected by means of clip plates 14 bolted or otherwise detachably engaged with the knives which are provided with sharpened forward cutting edges 15.

Arranged in the frame above the rail 3 is an adjustable hoof supporting member or lever 16 provided at a point between its ends with a bifurcated bearing portion 17 arranged to straddle the rail 3 at a point in rear of the traveler 6 for the reception of a transverse pintle 18 by means of which the lever is pivoted, there being projected rearwardly from the bearing head 17 and to lie beneath the rail 3 a portion or arm 19 slotted at 20 for the reception of a thumb screw 21, in turn threaded through the rear end of the rail 3 and operable for adjusting the forward end of the lever 16, which is bifurcated to straddle and ride upon the post 4.

In practice, the operating levers 8 normally stand in forwardly diverging position with the traveler 6 retracted and the knives 13 lying at the rear ends of the rails 1 and spread apart as illustrated by full lines in Fig. 1. Under these conditions, the animal's hoof to be trimmed is seated between the forward parallel portions of the rails 1 with the toe bearing against the cross head 2 and the bottom of the hoof resting on the lever 16, which by manipulating the screw 21 may be adjusted to regulate the depth of the cut to be effected. After the lever 16 has been properly adjusted the outer ends of the operating members 8 are grasped and swung rearwardly, thereby sliding the traveler 6 forwardly on the guide rail 3 for moving the knives forwardly on the rails 1, it being noted that during such movement of the knives they will, owing to the inclination of the rails, approach toward each other, whereby they will, at the completion of their forward movement, meet for properly trimming the toe of the hoof.

It is to be particularly observed that in the operation of the device the marginal edge of the hoof will be quickly and accurately trimmed and that in the action of the knives they will be properly moved for trimming the horny portion of the hoof around but without injuring the frog.

Having thus described my invention, what I claim is:

1. In a hoof trimming device, a frame including a pair of forwardly converging side rails and a central, longitudinally extending

guide rail, a traveler slidably mounted on said guide rail, operating levers fulcrumed in the frame and operatively connected with the traveler, coöperating trimming knives  
5 slidably mounted on the side rails, and operative connections between the knives and traveler.

2. In a hoof trimming device, a frame including a pair of forwardly converging side  
10 rails and a central, longitudinally extending guide rail, a traveler slidably mounted on the guide rail, a pair of coöperating trimming

knives slidably mounted on the side rails and connected for movement with the traveler, a pair of operating levers fulcrumed in the  
15 frame and operatively connected with the traveler, and an adjustable hoof supporting member movably mounted in the frame.

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

BERRY HUCKLEBY.

Witnesses:

W. S. GARNER,  
J. W. OWINGS.