

C. E. SPECK.
HORSE WHIPPING DEVICE.
APPLICATION FILED FEB. 7, 1908.

920,204.

Patented May 4, 1909.

2 SHEETS—SHEET 1.

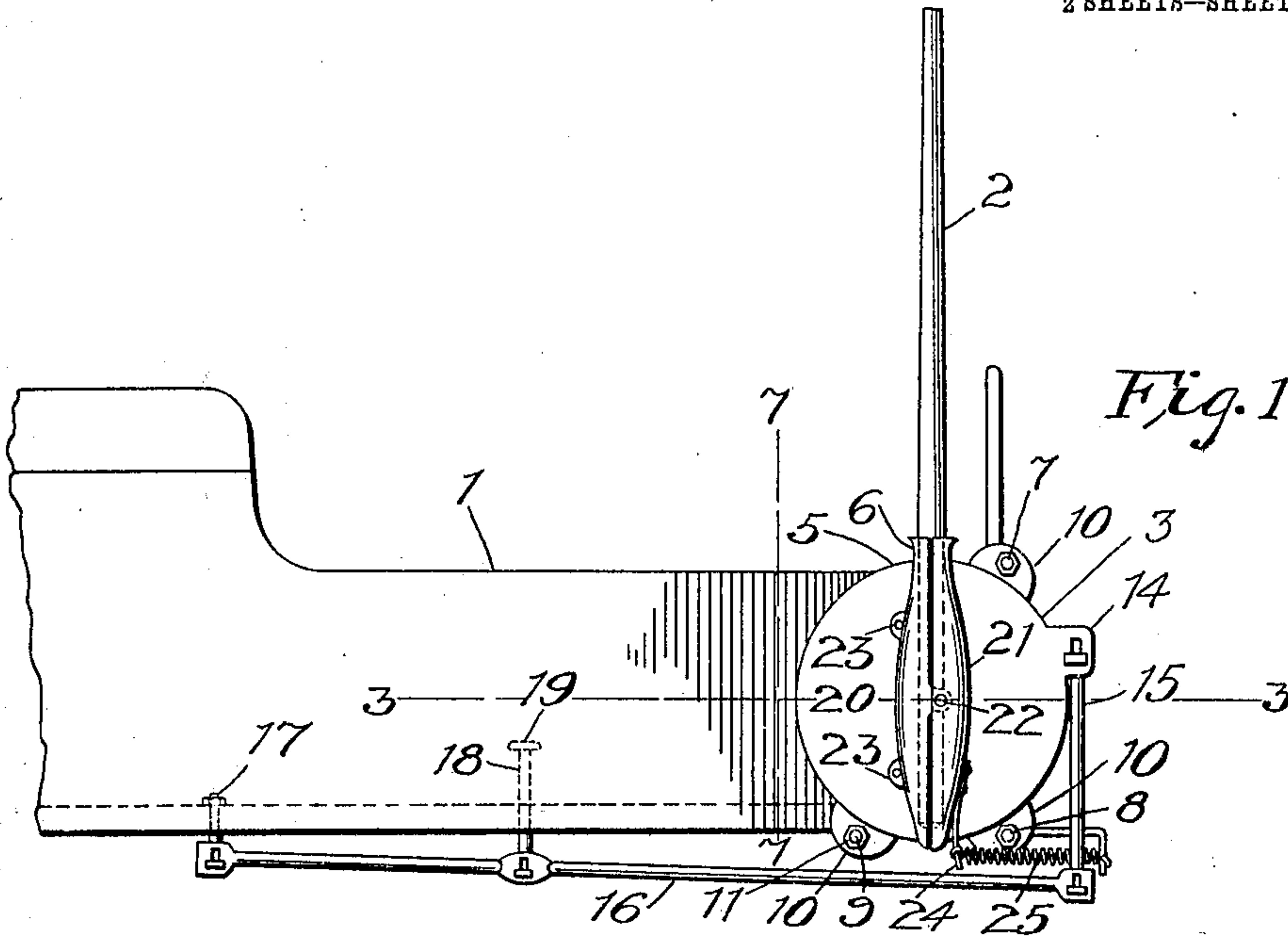


Fig. 1

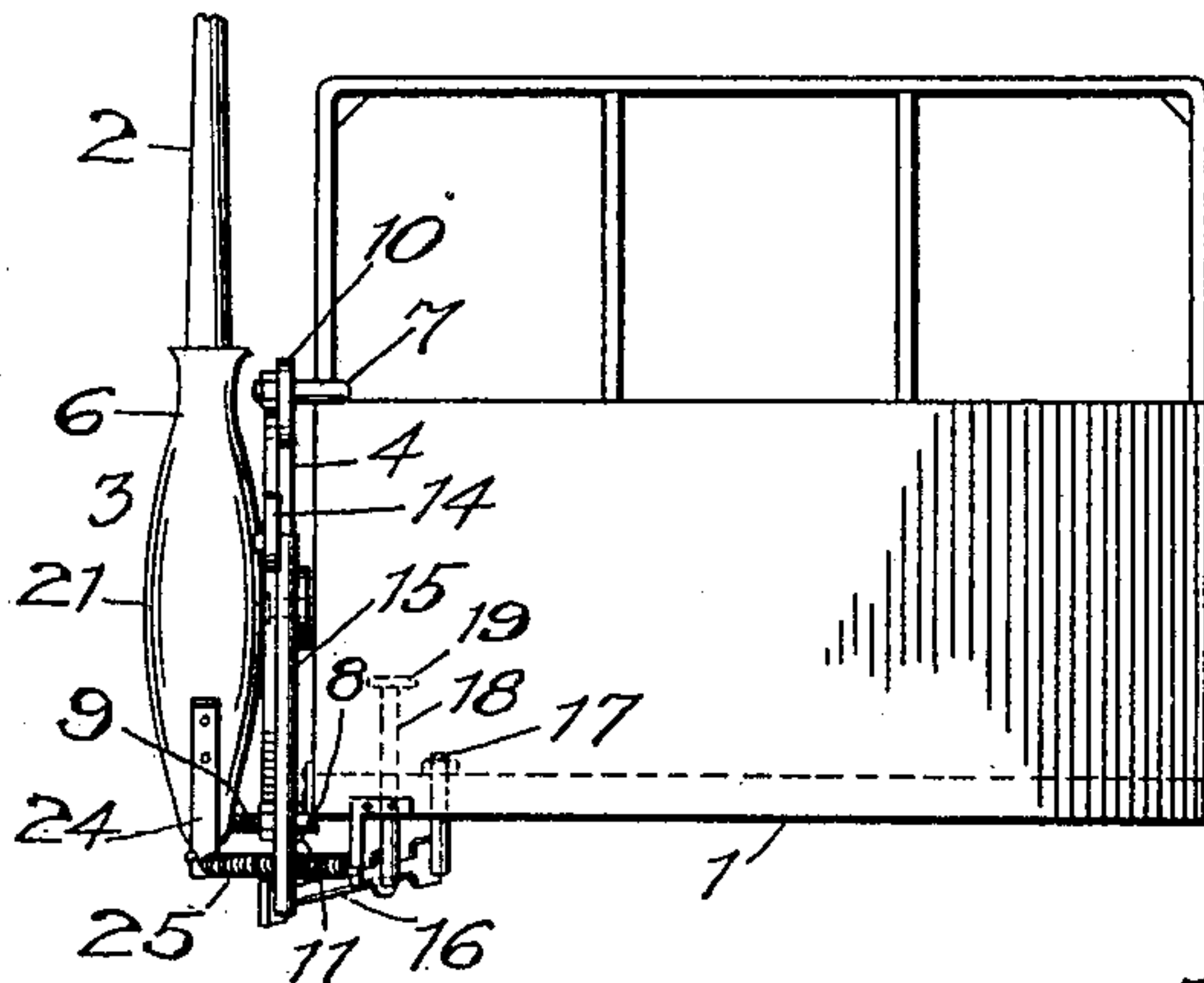


Fig. 2

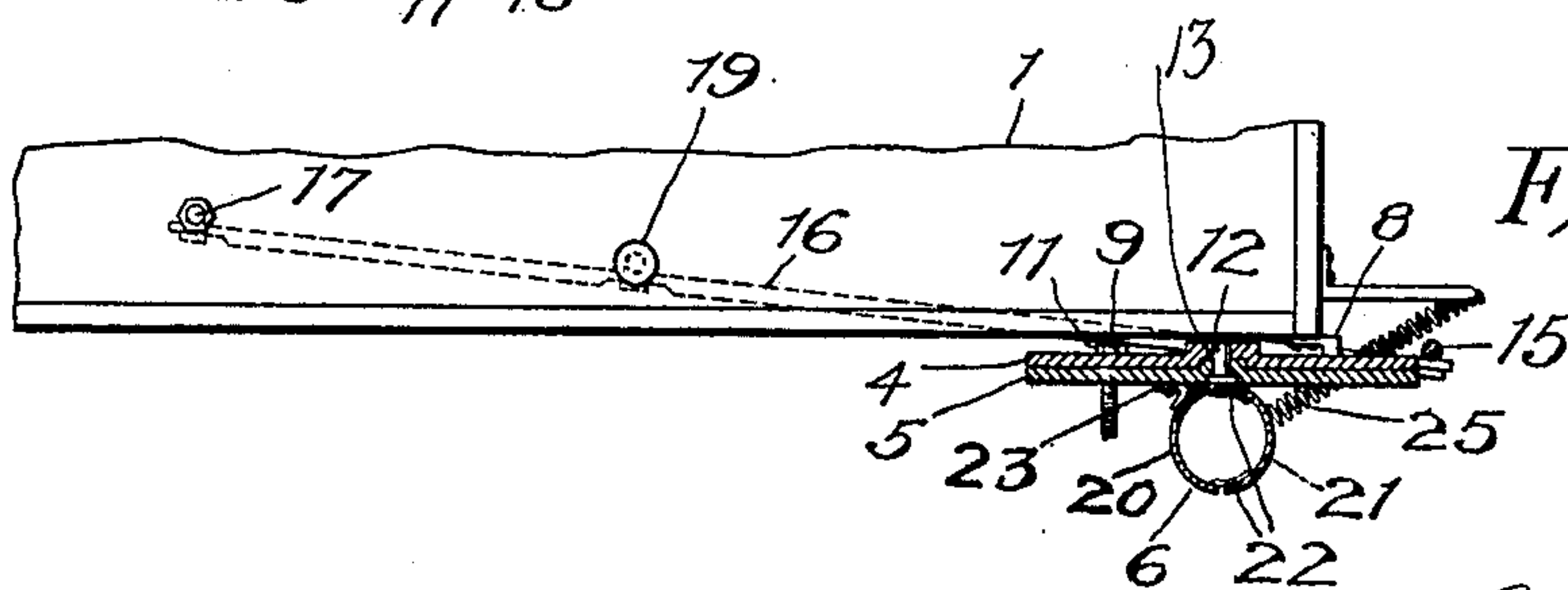


Fig. 3

Inventor

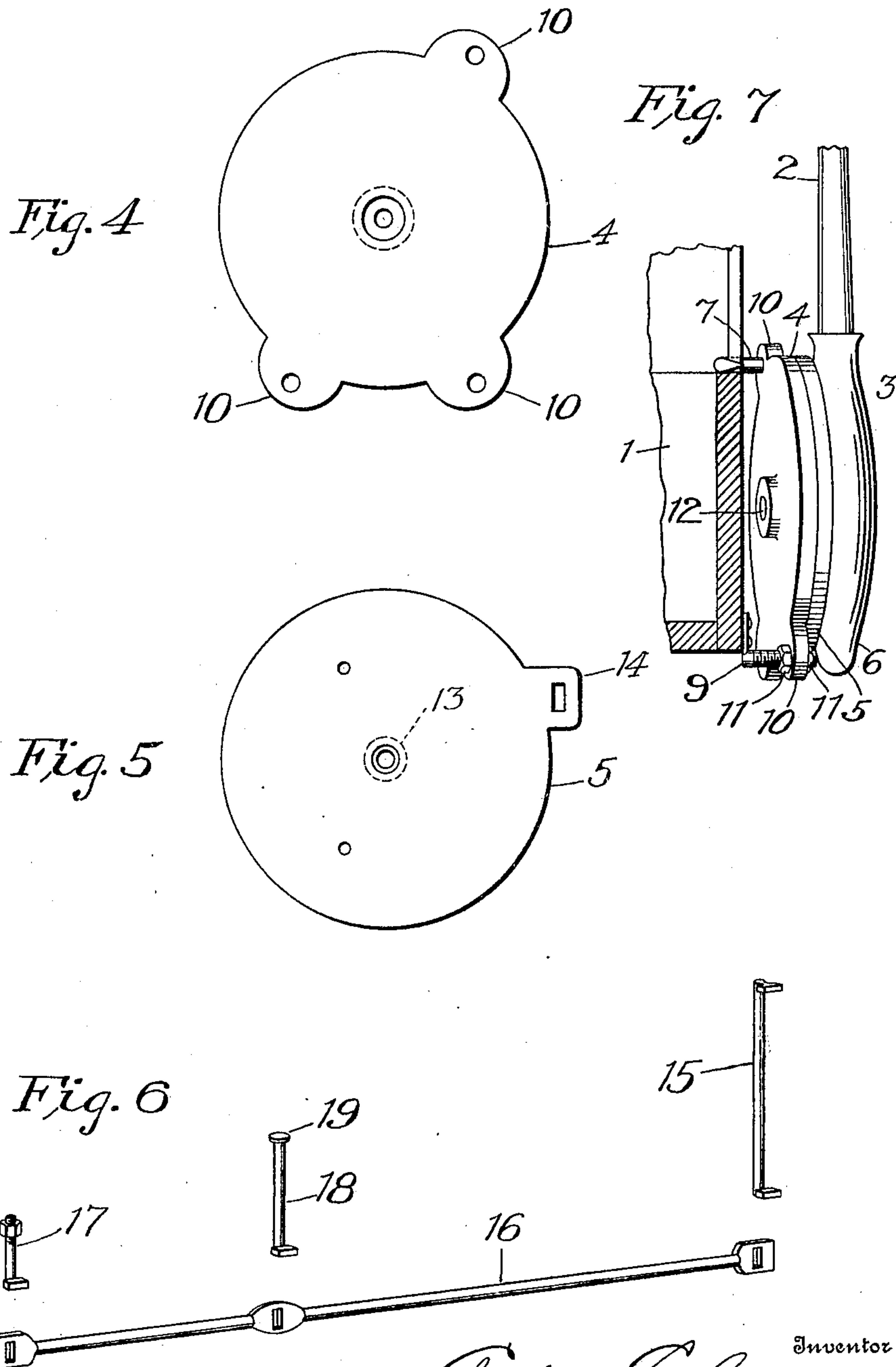
Witnesses
L. O. Little.
H. F. McQuay.

Charles E. Speck
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UNITED STATES PATENT OFFICE.

CHARLES E. SPECK, OF ST. MARYS, OHIO.

HORSE-WHIPPING DEVICE.

No. 920,204.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed February 7, 1908. Serial No. 414,764.

To all whom it may concern:

Be it known that I, CHARLES E. SPECK, a citizen of the United States, residing at St. Marys, in the county of Auglaize and State of Ohio, have invented certain new and useful Improvements in Horse-Whipping Devices, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in devices for whipping horses and more particularly to one which may be readily attached to a wagon or other vehicle and operated by the foot and which may also serve as an ordinary whip socket or holder.

The object of the invention is to provide a device of this character which will be simple and comparatively inexpensive in construction, durable in use and effective in operation.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a portion of the body of a vehicle showing my improved whip holding and operating device applied thereto; Fig. 2 is a front elevation of the same; Fig. 3 is a horizontal section taken on the plane indicated by the line 3—3 in Fig. 1; Fig. 4 is a detail view of the attaching and supporting plate; Fig. 5 is a similar view of the oscillatory plate or member; Fig. 6 is a detail perspective of the lever and the parts which co-act with it; and Fig. 7 is a detail vertical section taken on the plane indicated by the line 7—7 in Fig. 1.

In the drawings 1 denotes a portion of the body of a wagon, buggy, or other vehicle, 2 an ordinary whip and 3 my improved device for holding and oscillating the latter.

The device 3 is here shown in the form of an attachment for ready application to a vehicle and it comprises a supporting and attaching plate or member 4 on which is mounted a rotary or oscillatory member 5 carrying a whip holder or socket 6. The attaching or supporting member 4 is preferably of circular form and attached to the body 1 by bolts 7, 8, 9 passed through apertured lugs 10 on the edge of said plate or member. The bolt or fastening 7 is preferably formed with a hook shaped head adapted to hook into the dash-board of the vehicle body and having its threaded end passed through one

of the apertured lugs 10 and provided with a clamping nut. The other two bolts or fastenings 8, 9 are in the form of angular brackets having flattened ends to engage the body 1 and apertured to receive fastening screws, and screw threaded outer ends which project through the apertured lugs 10 and receive clamping nuts. On the rearmost fastening 9 I preferably provide two nuts 11, one to engage each face of the lug 10 so that the base or attaching plate 4 may be disposed angularly to cause the whip 2 to properly strike the animal hitched to the wagon when the oscillatory member 5 is actuated.

While the foregoing is the preferred manner of attaching the member 4 to the vehicle it will be understood that any other suitable means may be employed for fastening and adjusting said member.

The oscillatory member 5 is preferably in the form of a circular plate of the same size as the plate or member 4 on which it is concentrically pivoted by a rivet, bolt, or the like 12 as clearly shown in Fig. 3. In order to relieve this pivot 12 of strain I preferably form upon the inner face of the member 5 a circular boss 13 which projects into and rotates in a similar shaped depression or cavity formed in the opposing face of the member 4. Upon the front portion of the edge of the oscillatory member 5 is provided a projecting lug 14 having an elongated opening or slot to receive a right angularly disposed T-shaped end or head of a link 15 which has a similar shaped head at its other end arranged in an elongated opening formed in the forward end of a lever 16. The latter is disposed longitudinally of and beneath the body 1 and has its rear end fulcrumed upon a bolt 17 secured in the bottom of the body 1 and formed with an angularly disposed T-shaped head arranged in an elongated opening in the rear end of said lever. At a point intermediate the ends of the lever 16 is arranged an elongated opening to receive the angularly disposed T-shaped head formed at the lower end of a foot piece or push rod 18 which is arranged for vertical movement in an aperture in the bottom of the body 1 and has at its upper end a button or head 19. It will be seen that when the button 19 is pressed downwardly with the foot, the forward end of the lever 16 will be lowered and the link 15 will oscillate the whip socket member or plate 5 so that the whip will be swung forwardly and downwardly to strike the horse. By forming the

lever 16 with the elongated openings and providing the angular T-shaped heads upon the link 15, the push rod 18 and the pivot bolt 17, it will be seen that said heads may be readily inserted in said apertures when their cross portions are turned lengthwise of said opening and will be retained therein when turned crosswise or transversely of said openings, thus dispensing with the need of nuts or other extra fastenings for uniting said parts.

The whip socket 6 is composed of two semi-tubular sections 20, 21 having oppositely curved inner edges and pivotally connected at their center by pivots 22 so that said sections have a slight longitudinal rocking movement. The section 20 is fixed to the plate or member 5 by fastenings passed through apertured lugs 23 formed upon it so that the other section 21 is movable with respect to the fixed section. The lower end of the movable section 21 is provided with an apertured arm or projection 24 to which is connected one end of a spring 25 which has its other end connected to one of the bolsters or other part of the vehicle. This spring tends to separate the lower ends of the socket sections and to force together their upper ends so that the whip will be clamped between the upper ends of said sections. The spring not only serves to actuate the socket section 21 but also to return the oscillatory member or plate 5 to its normal position after it has been actuated by depressing the foot piece or rod 18.

In operation, it will be seen that when the foot piece is depressed the member 5 will be oscillated to throw the whip forwardly and downwardly to strike the horse or animal and when released the spring 25 will restore the parts to their normal position. When the member 5 is actuated the spring 25 causes the upper end of the socket section 21 to firmly clamp the whip against the fixed socket section 20 so that it will be impossible for the whip to drop out of the socket.

It will be seen that by actuating the device by means of a foot piece the hands of the driver will be free to handle the reins and manage the horse. It will be further noted that the whip socket may be used as an ordinary whip holder or socket.

While I have shown and described in detail the preferred embodiment of my invention it will be understood that I do not wish to be

limited to the precise construction set forth and that various changes in the form, proportions and minor detail may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described my invention what I claim is:

1. The combination with a vehicle body, of an attaching member secured upon one side of the same, an oscillatory member pivoted to the attaching member, a whip socket having sections pivotally connected intermediate their ends, one section being fixed to the oscillatory member, a spring connecting the inner end of the other section to the vehicle and adapted to close the whip socket and actuate the oscillatory member in one direction, and means for actuating said oscillatory member in the opposite direction.

2. The combination with a vehicle body, of an attaching member secured upon one side of the same, an oscillatory member pivoted to the attaching member, a whip socket having sections pivotally connected intermediate their ends, one section being fixed to the oscillatory member, a spring connecting the inner end of the other section to the vehicle and adapted to close the whip socket and actuate the oscillatory member in one direction, a lever pivoted to the vehicle body, a foot piece for actuating said lever and a connection between said lever and the oscillatory member.

3. The combination with a vehicle, of an attaching member, means for fastening and adjusting the latter upon the vehicle, an oscillatory member pivoted to the attaching member, a whip socket upon the oscillatory member and having pivotally connected sections, one being fixed to said oscillatory member, a spring connected to one end of the other socket section and to the vehicle, a lever pivoted at one end to the vehicle, a link connecting the other end of the lever to said oscillatory member and a push rod connected to the lever, substantially as described.

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

CHARLES E. SPECK

Witnesses:

ISAAC R. ELLIS,
J. F. STOUT.