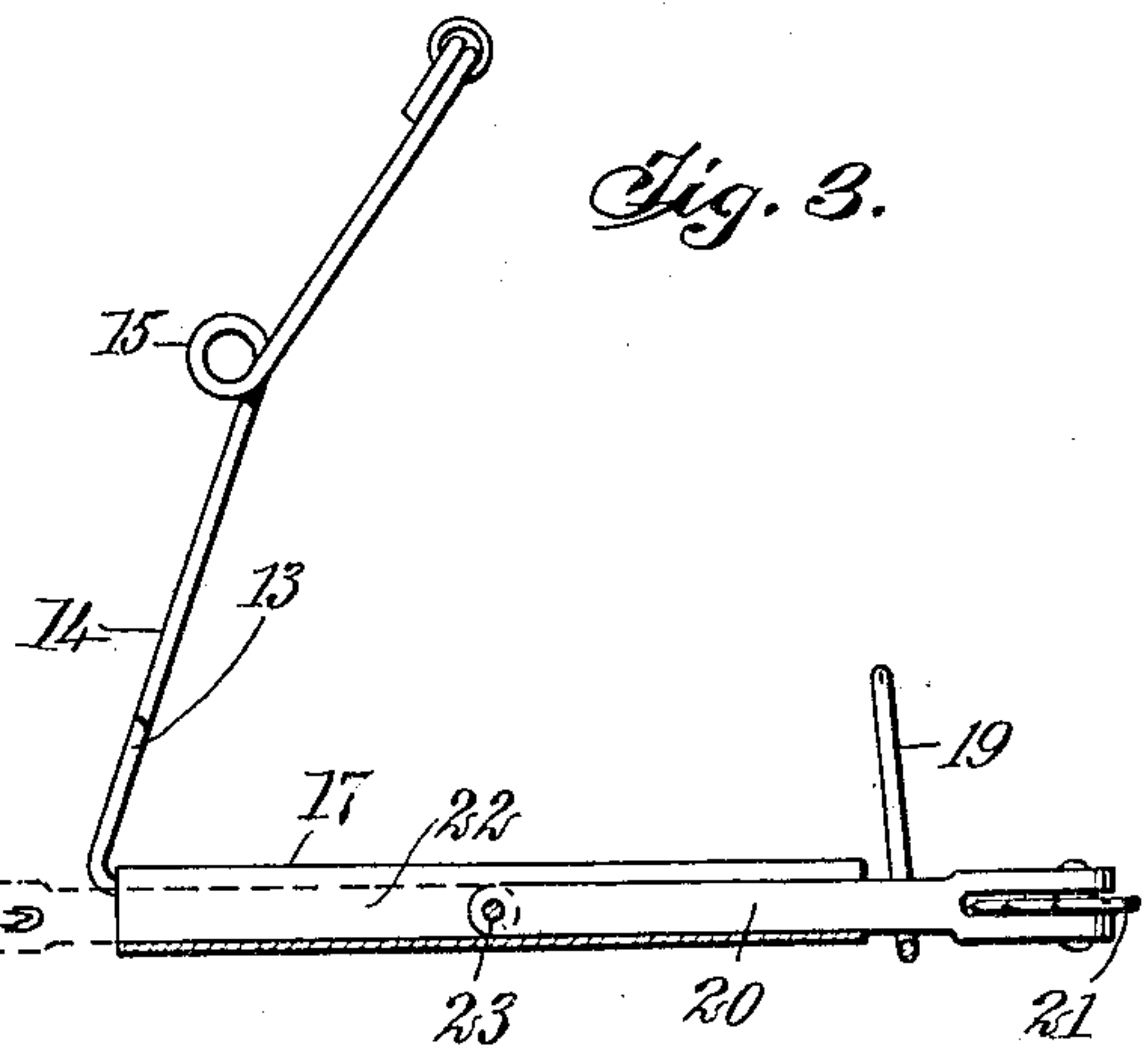
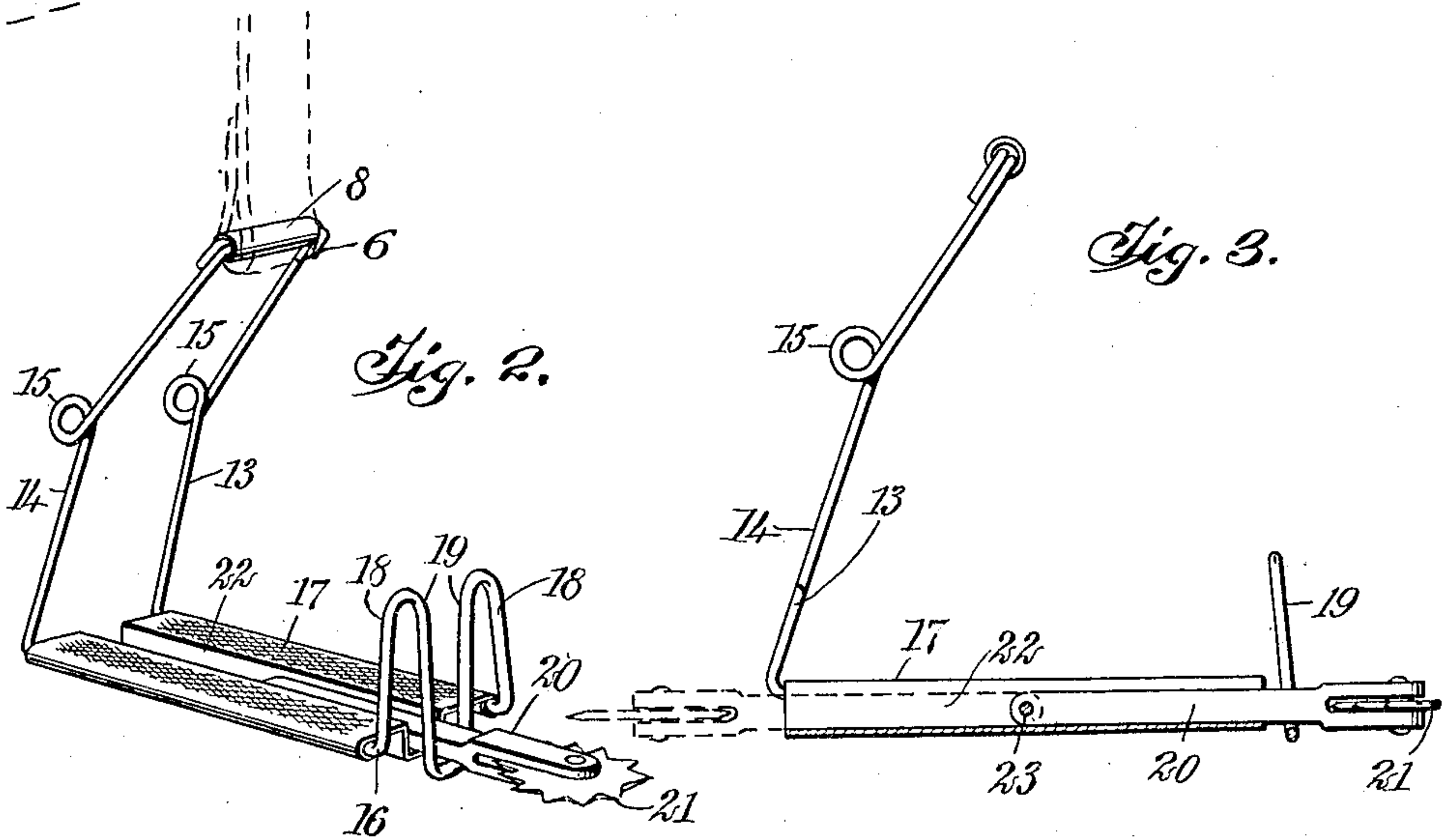
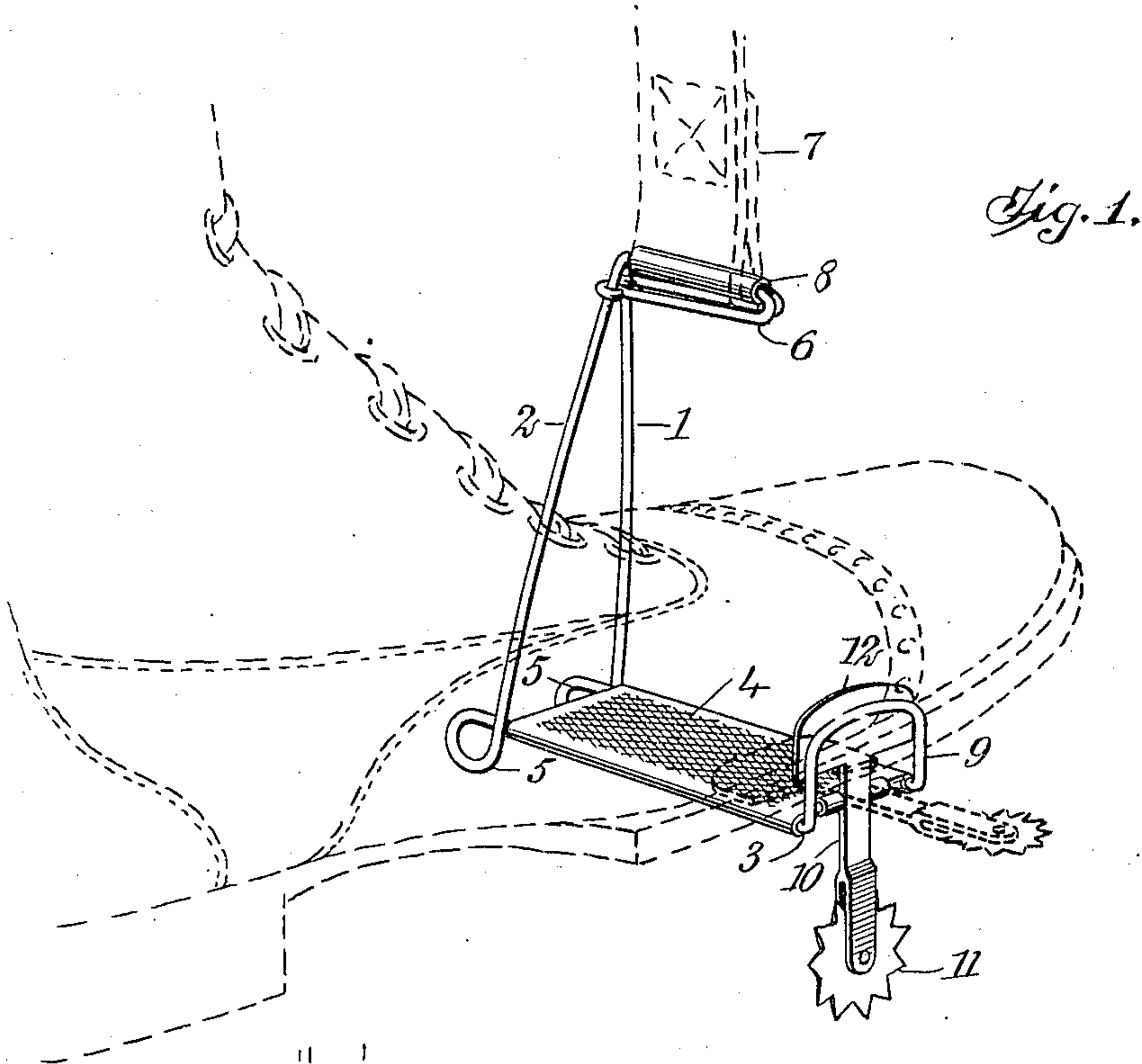


No. 872,264.

PATENTED NOV. 26, 1907.

J. TWEIT.  
STIRRUP.

APPLICATION FILED JAN. 22, 1907.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JACOB TWEIT, OF ERICSON, MONTANA.

## STIRRUP.

No. 872,264.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed January 22, 1907. Serial No. 353,421.

*To all whom it may concern:*

Be it known that I, JACOB TWEIT, a citizen of the United States, and a resident of Ericson, in the county of Custer and State of Montana, have invented a new and Improved Stirrup, of which the following is a full, clear, and exact description.

This invention relates to improvements in horse saddle stirrups, the objects being to provide a stirrup of simple construction, that may be manufactured and sold at a small cost, that will have a spring-yielding movement, thus relieving a horse to a considerable extent from the pressure of the rider, and from which a rider's foot may readily slide laterally of the foot plate in case of accident.

Another object is to attach a spur to the stirrup that may be swung into position for use or moved out of such position.

A further object is to so relate the spur to the stirrup, that a rider may spur the animal on the shoulders or near the girth instead of a tender part of the body, that is, the flank.

I will describe a stirrup embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a stirrup embodying my invention, with a spur attached thereto; Fig. 2 is a perspective view showing a modification; and Fig. 3 is a sectional view of the same.

Referring first to the example of my improvement shown in Fig. 1, the frame of the stirrup consists practically of a single length of steel wire bent to form divergent hangers 1, 2, and a horizontal portion 3 to which a foot plate 4 is attached. At the junction of the hanger portions and the horizontally disposed or side portions 3, the wire is coiled, as indicated at 5, to form springs, and the upper meeting portions of the hanger members 1 and 2 are turned inward to form a loop 6 to which the saddle strap 7 is to be attached, and to prevent wear of the saddle strap, the upper member of the loop may be provided with a roller 8 with which the strap directly engages. At the inner end the side members 3 are turned upward to form a stop loop 9, and mounted to swing at the inner end of the foot plate is an arm 10 which carries a rotary spur 11. On the arm 10 is a plate 12 which

is slightly larger than or projects above the stop loop 9, so that a rider, when the spur is hanging downward, by placing his foot on the upper portion of the plate may press the same downward on to the foot plate, where it is held by the rider's foot, consequently holding the spur in operative position, as indicated by dotted lines in Fig. 1.

In the example shown in Figs. 2 and 3 the frame also consists of a single length of wire having hangers 13, 14 provided intermediate their ends with spring coils 15, and, of course, on the upper portion of the side members a saddle strap is to be connected as in the form shown in Fig. 1. At the lower portion the frame wire is extended inward, as indicated at 16, and to this portion 16 a foot plate 17 is attached. At their inner ends the side portions 16 are curved upward, as indicated at 18, then downward as at 19, the parts 19 being spaced apart to form a guide for a shank portion 20 carrying a spur 21. The foot plate 17 is longitudinally depressed to form a channel 22 for receiving the shank of the spur, this shank being mounted to swing on a pivot 23 projected through the inner end of the shank and through the side walls of the channel 22. In this construction the operative position of the spur is indicated in full lines in Figs. 2 and 3, and it is shown in its inoperative position in dotted lines in Fig. 3.

In the operation of the first example of my device, when the spur is not desired for use, the rider merely releases his presence on the plate 12, and the spur will fall by gravity, as shown in Fig. 1. As the stirrup is open it is obvious that a rider may slide his foot out therefrom in case of accident or for any other purpose.

In the form of my invention shown in Figs. 2 and 3, the shank carrying the spur, when not in use may be thrown over by the foot of the rider into the position shown in dotted lines in Fig. 3.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A stirrup comprising a frame consisting of a single length of spring yielding material and having spring coils, the said frame having divergent hanger members, and horizontally disposed foot plate members, the inner ends of the horizontally disposed members being turned upward to form a stop, an arm pivoted between said members, and a spur carried by the arm.



2. A stirrup, comprising a frame consisting of a single length of spring-yielding material and having spring coils, the said frame having divergent hanger members and horizontally-disposed foot plate members, the inner ends of the horizontally disposed members being turned upward to form a stop loop, an arm pivoted between said members, a plate carried by said arm and adapted for engagement with said stop loop when the arm is hanging downward, and a spur carried by said arm.

3. A stirrup, consisting of a single length of wire bent to form divergent hanger members having a loop at the top for receiving a saddle strap, the lower portion of the hanger members being coiled and extended inward, an arm having swinging connection with the inwardly extended members near the inner end, a plate on said arm, a stop at the inner

end of said inwardly extended members forming a stop for said plate, a spur carried by the arm, and a foot plate attached to said inwardly extended members.

4. A stirrup comprising a frame consisting of a single length of resilient material, the said frame having hanger members and horizontally disposed foot plate members, the inner ends of the horizontally disposed members being turned upward to form a stop, an arm pivoted between said members, and a spur carried by the arm.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JACOB TWEIT.

Witnesses:

CARL M. BERGERSON,  
BOND M. MELUM.