

No. 763,294.

PATENTED JUNE 21, 1904.

W. S. LOGAN.
TENT ROPE SLIDE AND GRIP.
APPLICATION FILED JULY 11, 1903.

NO MODEL.

Fig. 1.

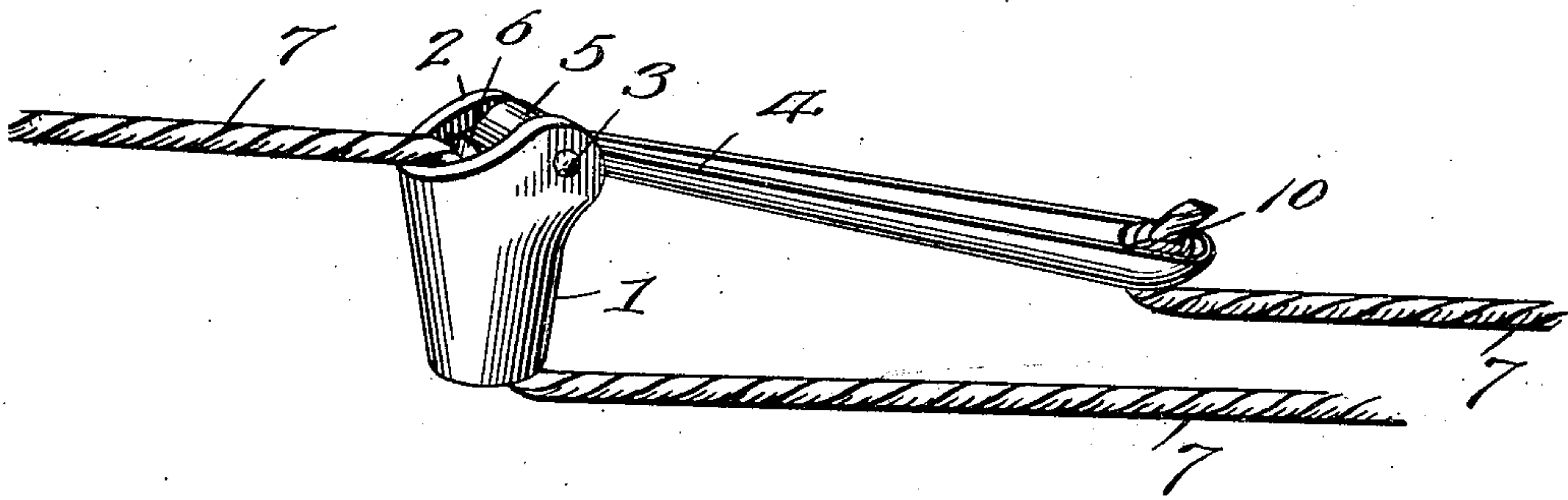
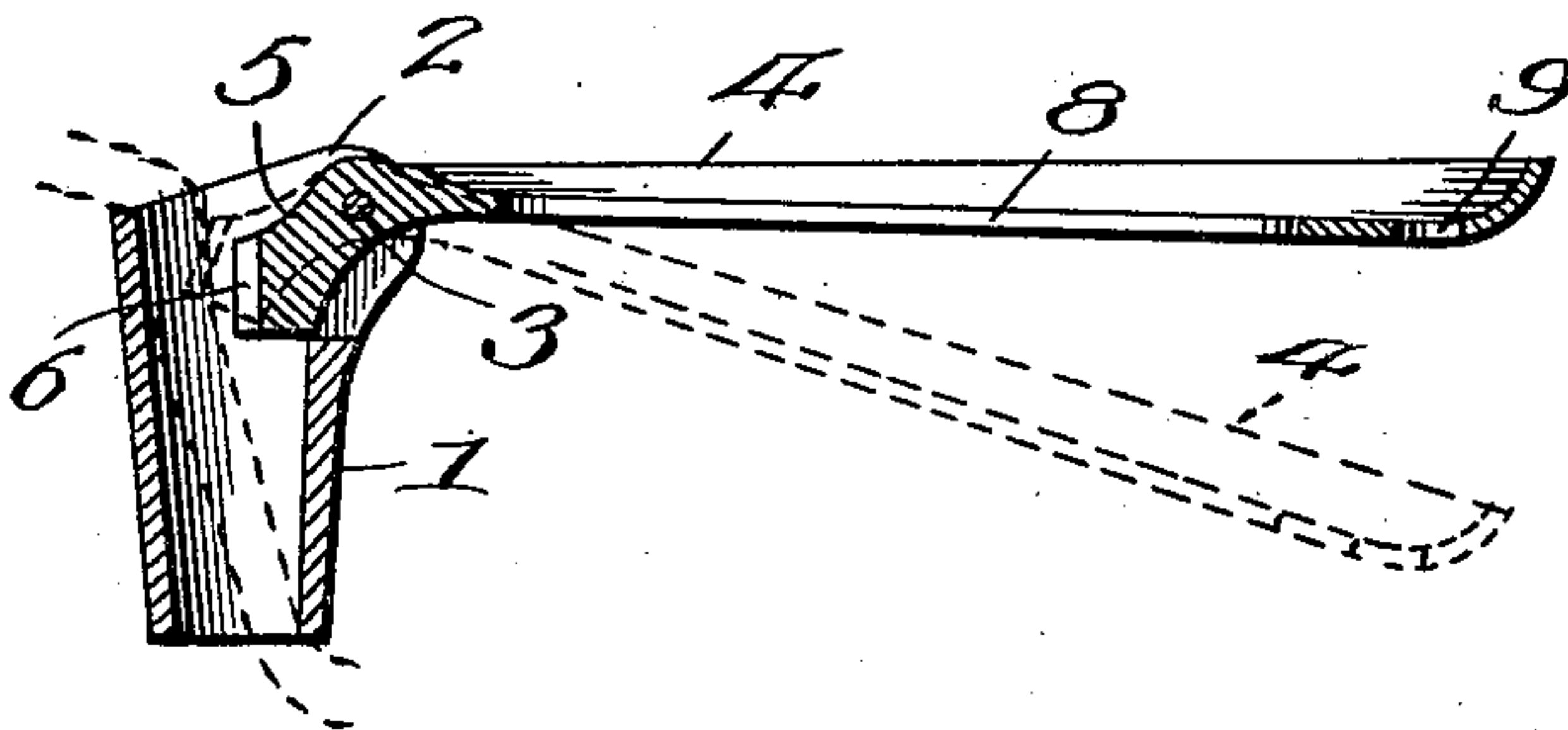


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WALTER S. LOGAN, OF DOUGLAS, WYOMING.

TENT-ROPE SLIDE AND GRIP.

SPECIFICATION forming part of Letters Patent No. 763,294, dated June 21, 1904.

Application filed July 11, 1903. Serial No. 165,138. (No model.)

To all whom it may concern:

Be it known that I, WALTER S. LOGAN, a citizen of the United States, residing at Douglas, in the county of Converse and State of Wyoming, have invented new and useful Improvements in Tent-Rope Slides and Grips, of which the following is a specification.

My invention relates to new and useful improvements in tent-rope slides and grips; and its object is to provide a simple, durable, and compact device which can be constructed at slight cost and which will securely clamp upon a tent-rope and hold the same in any position to which it may be adjusted.

The invention consists in providing a tubular body having ears at one end within which is pivoted a lever having a concave rope-engaging face. The tent-rope is adapted to be inserted through the tubular body, and the end thereof is placed in engagement with the outer free end of the lever. After said rope has been placed about a stake the tubular body is moved upward thereon until sufficient pressure is brought to bear upon the lever to cause the same to firmly clamp said hook between the wall of the body and the concave face of the lever.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a perspective view of the device in use; and Fig. 2 is a longitudinal section therethrough, the clamp showing in dotted lines the positions of the parts during the clamping operation.

Referring to the figures by numerals of reference, 1 is a tapered tubular body, at the large end of which are formed parallel ears 2, which extend beyond said end and are connected by a transversely-extending pivot-pin 3, upon which is mounted a lever 4. This lever is provided with a head 5, which extends upward into the tubular body and has a concave working face 6, which is adapted to bear upon a tent-rope 7 after the same has been in-

serted into the body. That portion of the lever which is outside the body 1 is slotted, as shown at 8, to prevent the accumulation of water in the hollow face thereof, and an aperture 9 is arranged near the outer end of said lever for the reception of the knotted end 10 of the rope 7.

In using the clamp herein described the rope is first inserted through the body 1 and the end thereof is secured within aperture 9 by knotting it, as shown at 10, Fig. 1. After the rope has been placed about a stake the body 1 is slid longitudinally thereon until the pressure upon the lever 4 is sufficient to force the concave face 6 of said lever against the rope within the body 1 and prevent further movement thereof. When the head 5 is in this clamping position, it is obvious that the movement of the sleeve 1 upon the rope cannot be reversed, as the said head will form a wedge and resist said movement. In order to release the rope, it is necessary to draw the lever 4 upward, so as to retract the head 5 from contact with rope 7.

It will be seen that the movement of the lever 4 and the head 5 in one direction is limited by the end wall of the slot in body 1, and therefore the lever 4 can be grasped in one hand, and the head 5 will support the body 1 in proper position when it is desired to insert a rope 7 therethrough.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus described the invention, what is claimed as new is—

A rope-clamp of the character described comprising a tapered tubular body having a slot at the large end thereof and ears at opposite sides of the slot, a head pivoted within the slot and between the ears and adapted to contact with the end wall of the slot and having a concaved working face within the tube

and adapted to clamp upon a rope within the
tube, and a lever extending from and integral
with the head, said lever and the working
face of the head being out of alinement and
5 the lever being adapted to be secured to the
end of a rope extending through the small
end of the body.

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

WALTER S. LOGAN.

Witnesses:

WALDO E. SHERWIN,
ALFRED S. PARSONS.