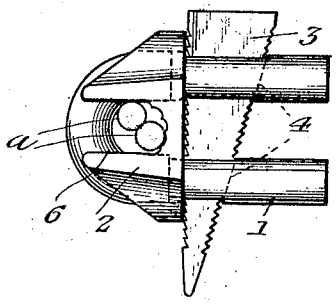
E. PHENICIE.

CLAMP.

APPLICATION FILED JUNE 26, 1917.

1,250,003. Patented Dec. 11, 1917.

Fig. 1.



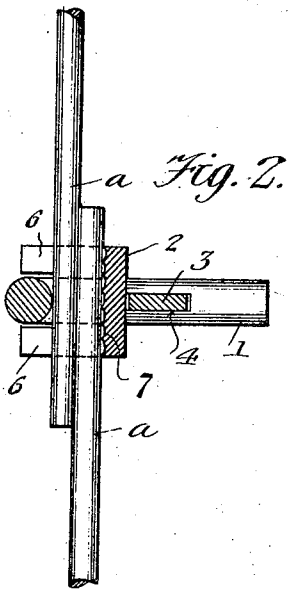


Fig. 2.

Fig. 3.

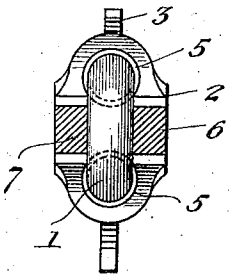




Fig. 4.

WITNESSES

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EDWARD PHENICIE, OF FRANKLIN, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO FREDERICK P. KARNS, OF FRANKLIN, PENNSYLVANIA.

CLAMP.

1,250,003. Specification of Letters Patent. Patented Dec. 11, 1917.

Application filed June 26, 1917. Serial No. 177,127.

To all whom it may concern:

Be it known that I, EDWARD PHENICIE, a citizen of the United States, residing at Franklin, in the county of Venango and State of Pennsylvania, have invented new and useful Improvements in Clamps, of which the following is a specification.

This invention is an improved clamp for use in clamping guy-lines, wires and the like, the object of the invention being to provide an improved device of this character which is simple in construction, and which can be readily applied and operated and which entirely obviates the use of nuts, screws and the like in its operation.

The invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—

Figure 1 is an elevation of a clamp constructed and arranged in accordance with my invention.

Fig. 2 is a sectional view of the same.

Fig. 3 is an end elevation of the same.

Fig. 4 is a detailed perspective view of a modified form of the wedge-key.

My improved clamp comprises a U-shaped member 1, a jaw or gripping member 2 and a wedge-key 3. The U-shaped member has its arms provided with slots 4. The jaw or gripping member has openings 5 through which the arms of the U-shaped member extend, so that the jaw or gripping member is slidably mounted on the U-shaped member, and the jaw or gripping member also has slots 6 in its sides, at the center, which register with the space in the bight and between the arms of the U-shaped member and are adapted for the reception of guy-lines *a* or wires or the like. At the bottoms of the slots of the jaw or gripping member are corrugations 7 which afford a gripping surface and enable the guy-lines, wires or the like, to be the more effectually gripped between the jaw or gripping member and the bight of the U-shaped member. The wedge-key is adapted to be driven through the slots of the arms of the U-shaped member and to engage one side of the jaw or gripping member to hold the latter in clamping or gripping position as will be understood. The edges of the wedge-shaped key are serrated as shown to prevent the wedge-shaped key from casually slipping.

It will be understood that by first removing the wedge-shaped key the jaw or gripping member can be detached from the U-shaped member. When the U-shaped member has been arranged astride of the guy-lines, wires or the like, to be clamped and the jaw or wedge-shaped member has been also engaged with the guy-lines or wires the wedge-shaped key is then inserted in the slots of the arms of the U-shaped member and may be readily tightened by striking it at the broader end with any suitable implement to effectually grip and clamp the guy-lines or wires between the jaw or gripping member and the bight of the U-shaped member.

In Fig. 4 I show a modified form of the wedge-key in which the same is provided on one side with detent tongues which are struck out therefrom and which serve to lock the wedge-key in place.

While I have herein described and shown a preferred form of my invention, I would have it understood that changes may be made in the form, proportion and construction of the several parts, without departing from the spirit of my invention and within the scope of the appended claim.

Having thus described my invention, I claim:—

A clamp of the class described comprising a U-shaped member having slots in its arms; a jaw or gripping member having a slot for the reception of the bight of the U-shaped member, also having openings for the reception of the arms of the U-shaped member and being further provided in the portions thereof which form the sides of the first-named slot with slots coincident with the bight of the U-shaped member for the admission of wires, so that said wires lie between the bight of the U-shaped member and the bottoms of the last-named slots, and a wedge-key for insertion in the slots of the arms of the U-shaped member and to engage against and hold the said jaw or gripping member in clamping or gripping position.

In testimony whereof I affix my signature.

EDWARD PHENICIE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."