(No Model.)

J. FORSHEY.

TRACK FASTENER.

No. 308,483. Patented Nov. 25, 1884.

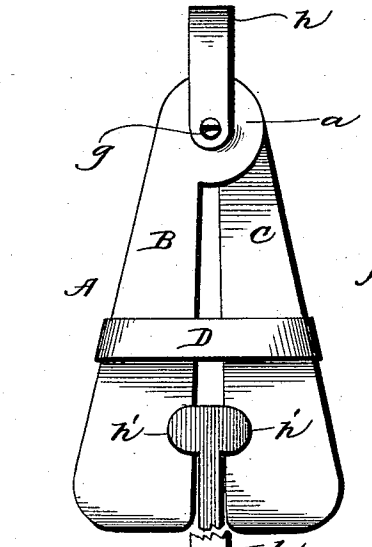


Fig. 1.

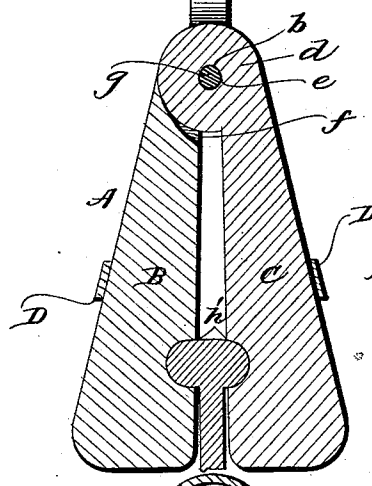


Fig. 2.

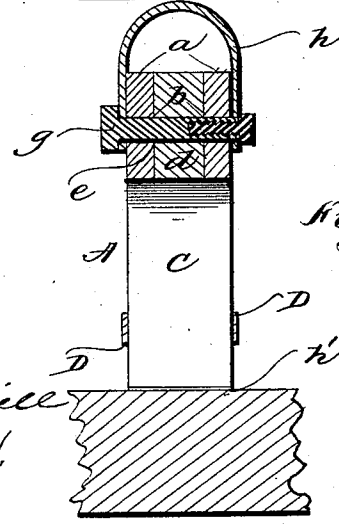


Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

JONATHAN FORSHEY, OF PHILIPSBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO CHRISTIAN G. HIRLINGER, OF SAME PLACE.

TRACK-FASTENER.

SPECIFICATION forming part of Letters Patent No. 308,483, dated November 25, 1884.

Application filed October 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN FORSHEY, a citizen of the United States, residing at Philipsburg, in the county of Centre and State of Pennsylvania, have invented a new and useful Improvement in Track-Fasteners, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a clamp designed for use to secure a derrick to a railroad-track for the purpose of clearing the same of débris caused by a wreck or otherwise; and it has for its object to provide a clamp which shall be simple in its construction, one that may be readily applied, and will hold itself firmly in position upon the track.

With these ends in view the invention consists in the improved construction and detailed arrangement of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a side elevation of a clamp constructed in accordance with my invention. Fig. 2 is a vertical transverse section, and Fig. 3 is a longitudinal vertical section.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in all the figures, A represents my improved clamp, which consists of two sections, B C. The section B is formed at its upper end with two inwardly-extending lugs or ears, *a*, each of which is formed with a hole or opening, *b*. The section C is formed with an inwardly-extending lug or ear, *d*, having a central hole or opening, *e*. This lug or ear *d* fits between the ears or lugs *a*, said lugs *a* bearing in a recessed portion, *f*, formed on each side of the ear or lug *d*. The openings in the ears *a* and *d* register, and said sections B C are pivoted together by means of a bolt, *g*. Upon this bolt *g* is a bail or loop, *h*, which bears against the clamp A upon each side. The bolt *g* has a screw-threaded opening in its end, to receive a tap or thumb screw which fits therein, and holds said bolt in position against any movement whatever in a lateral direction.

Upon the inner sides of the sections B C, near the lower ends thereof, are provided recesses or seats *h'*, which when the clamp is brought together inclose the tread of the track the lower ends of the sections bearing against the web. The sides of the sections B C incline upwardly—that is, the clamp is wider at its bottom than at its top.

Upon the clamp A is mounted a collar, D, which clamps the sections B and C together and holds them in such position.

The operation is as follows: The sliding ring or collar is pushed upwardly upon the clamp A and the sections B C of the same opened. They are then fitted upon the tread of the track and the sliding collar D forced down upon said sections as near their lower ends as possible, thus holding them in position and preventing them from opening.

It will be seen that the device above described may be used for a track-raiser as well as a clamp for securing a derrick to the track by pivoting it to a suitable rod or bar. It will also be seen that the above-described clamp is simple in construction, may be manufactured and supplied at a slight cost, and that it is effective in operation.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein-described clamp A, consisting of the sections B C, the section B having two inwardly-extending perforated ears or lugs, the section C having an inwardly-extending perforated lug fitting between the lugs *a*, a bolt passing through the openings in said lugs, a bail mounted on said bolt, said bolt having a screw-threaded opening in its end, a thumb or tap screw to engage the same, said sections B C each having a recess on its inner side near its lower end, and a sliding collar, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JONATHAN FORSHEY.

Witnesses:
C. G. HIRLINGER,
WM. E. IRWIN.