

(No Model.)

W. H. REYBURN.

TRACE HANGER.

No. 250,841.

Patented Dec. 13, 1881.

Fig. 1.

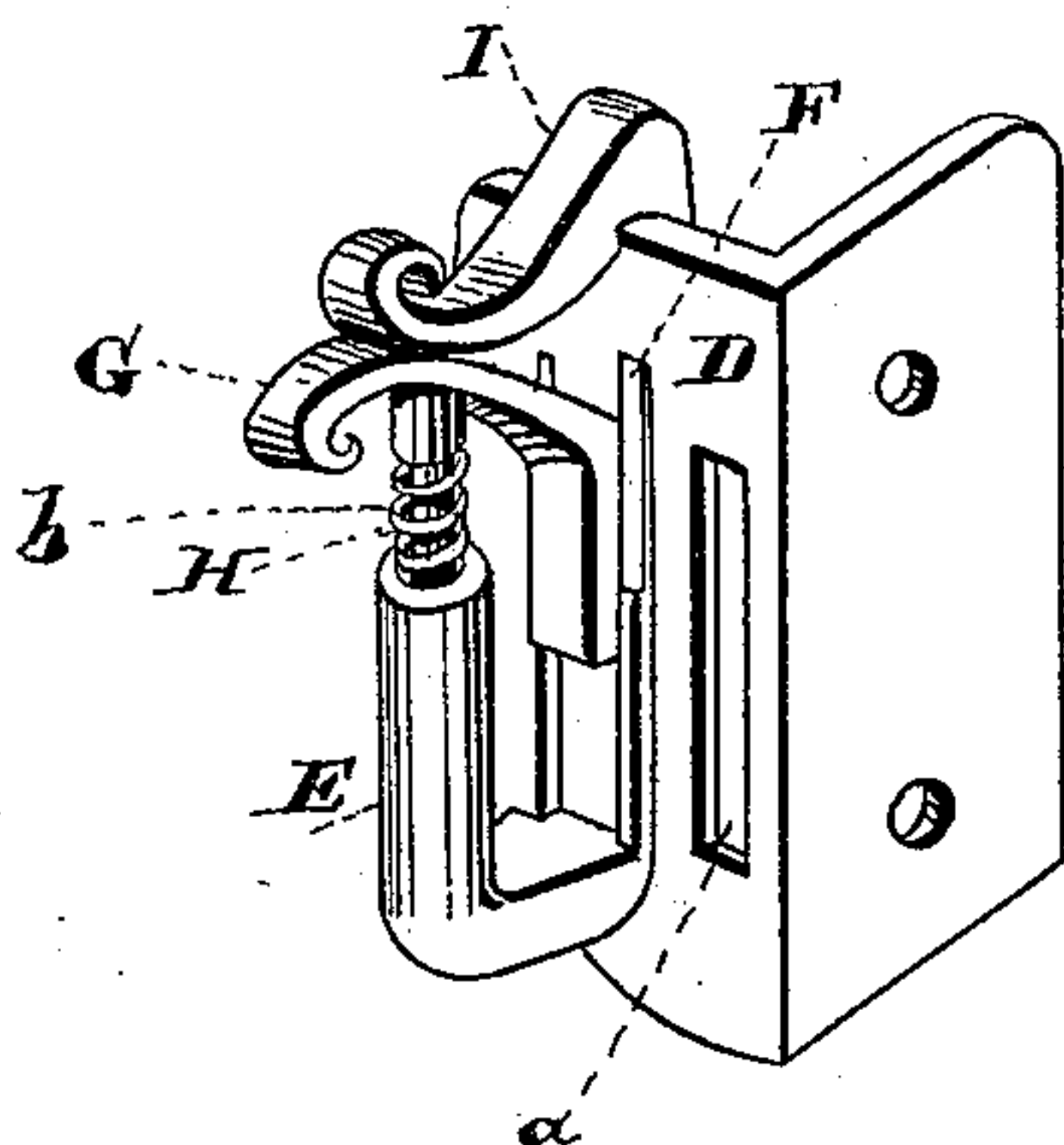


Fig. 2.

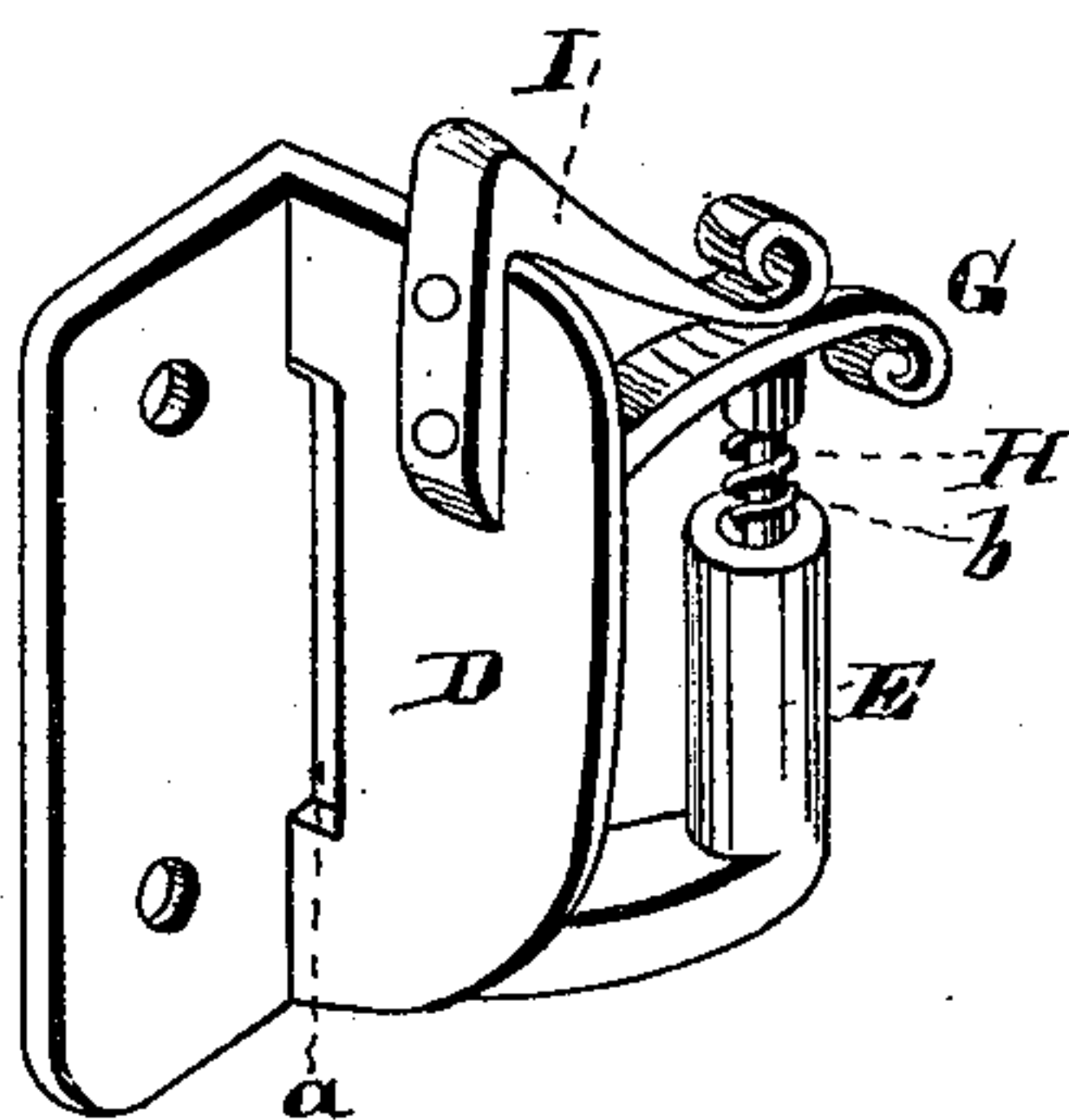
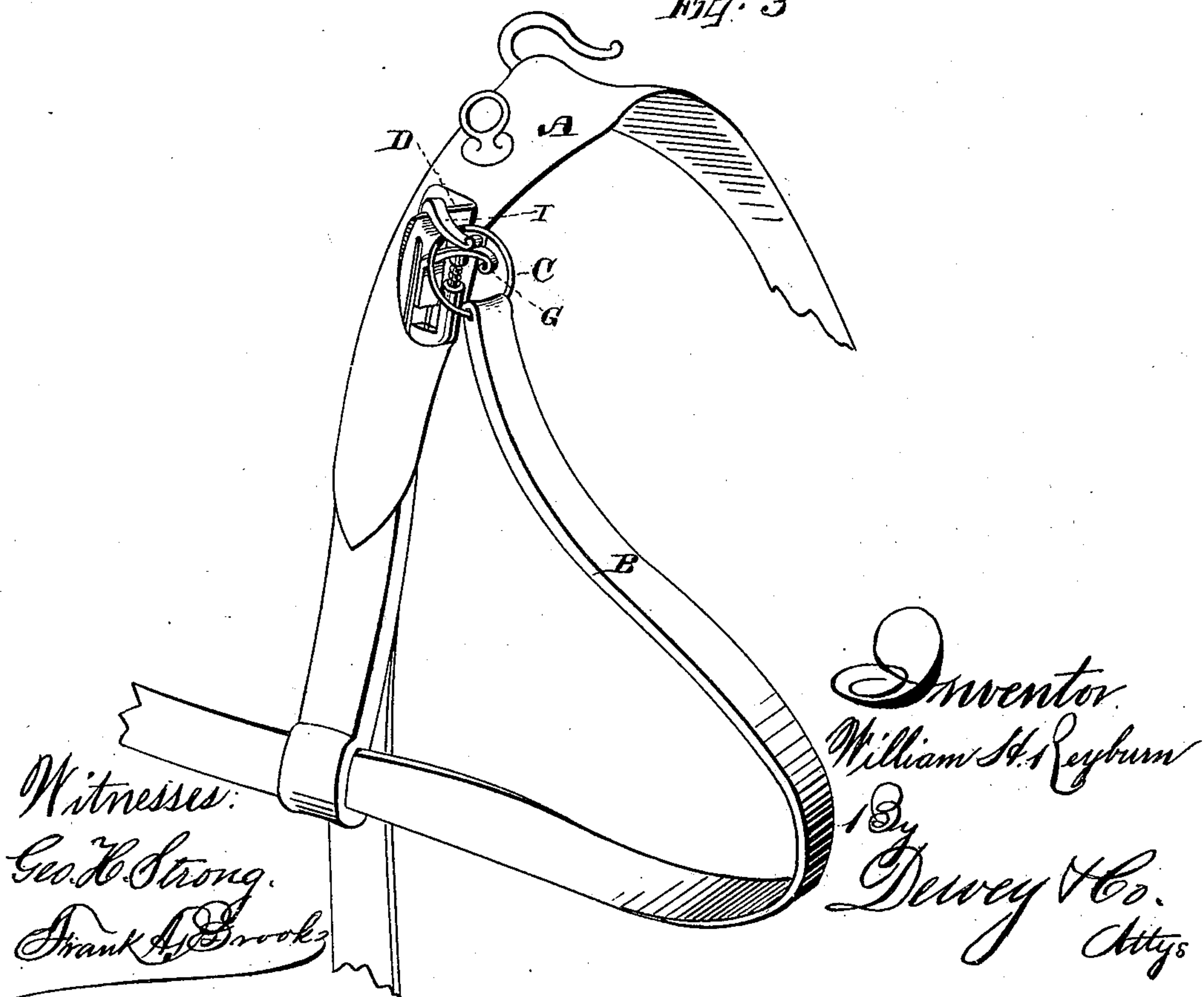


Fig. 3.



UNITED STATES PATENT OFFICE.

WILLIAM H. REYBURN, OF CUFFEY'S COVE, CALIFORNIA.

TRACE-HANGER.

SPECIFICATION forming part of Letters Patent No. 250,841, dated December 13, 1881.

Application filed August 31, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. REYBURN, of Cuffey's Cove, county of Mendocino, State of California, have invented an Improved Trace-Hanger; and I hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to certain improvements in harnesses, and more especially to a new and useful attachment, the object of which is to hang up the traces, and may therefore be called a "trace-hanger."

My invention consists in the following construction and arrangement of a trace-hanger, and which will be hereinafter fully described, and the points of novelty set forth in the claim.

Referring to the accompanying drawings, Figure 1 shows perspective of my device. Fig. 2 shows same. Fig. 3 shows application thereof to back-band and trace.

I have here shown the ordinary harness or parts thereof, designating by A the back-band and by B the trace with the end ring, C.

Secured to the back-band, on the side, is the metal piece D. It is angled, as shown, and is provided with a slot, *a*, near its angle. It may be riveted to the back-band by means of rivets through one side, or it may be strapped to it by means of a strap and buckle passing through the slot *a*. It is so attached to the back-band that one of its sides extends at right angles with the back-band, while the other lies flat upon it. The former is rounded off at the bottom, to prevent injury by scratching. Upon the face of the free side, toward the rear, is a guide-standard, E, in which is a deep socket.

F represents flange-guides. These are shown as part of the standard E, though this is not absolutely necessary, as they may be secured separately, if found desirable.

G is a clasp, bent as shown. One end lies upon the face of the piece D and slides between the guides F. The other end extends outwardly, and has its end curved around in a kind of loop to prevent the sharp end scratching or injuring anything.

To the under side of the extended end of the clasp G is secured a pin, H, which fits in the socket of the guide-standard E. A spring, *b*,

around this pin, and fitting in the same socket, holds the clasp G up and returns it after being pressed down.

Secured to the plate above is a stationary curved clasp, I. This has the shape as shown, curving down to meet the clasp G, and then curving upward in a loop to prevent injury. The under clasp extends beyond the upper, to provide a suitable guide or mouth to direct the ring of the trace when presented. When the trace is loosened from the whiffletree its end ring is brought right up to the mouth of the two clasps. The slightest pressure opens the device by pressing down the lower clasp, and the ring slips in between them, and is secured therein by the return of the lower clasp.

The trace, if caught in anything while the horse is walking off, will not be injured, as it will easily pull out, requiring no more force to release it than to insert it. The only object is to hang it up, and this it does effectively. It is in a most convenient position to receive the trace, and when using a young and restive animal is a decided advantage, because one does not have to go close to him to take out the trace. A slight pull upon any portion will remove it.

This attachment may be placed in other positions, if desirable; but I prefer it as described.

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

The trace-hanger attachment for harness, consisting of the angular piece D, provided with the vertical tubular socket-extension support E, and the guide-flanges F and upper curved stationary clasp, I, in combination with the vertically-moving bent clasp G, adapted to slide within the ways or flanges F, and carrying the pin H and spring *b*, the whole constructed to act in the manner substantially as set forth.

In witness whereof I have hereunto set my hand.

WILLIAM H. REYBURN.

Witnesses:

DAVID M. KNAPP,

WILLIAM H. HATCH.