

(No Model.)

W. BLACK.

SPRING CHECK HOOK FOR HARNESS.

No. 310,023.

Patented Dec. 30, 1884.

Fig. 1.

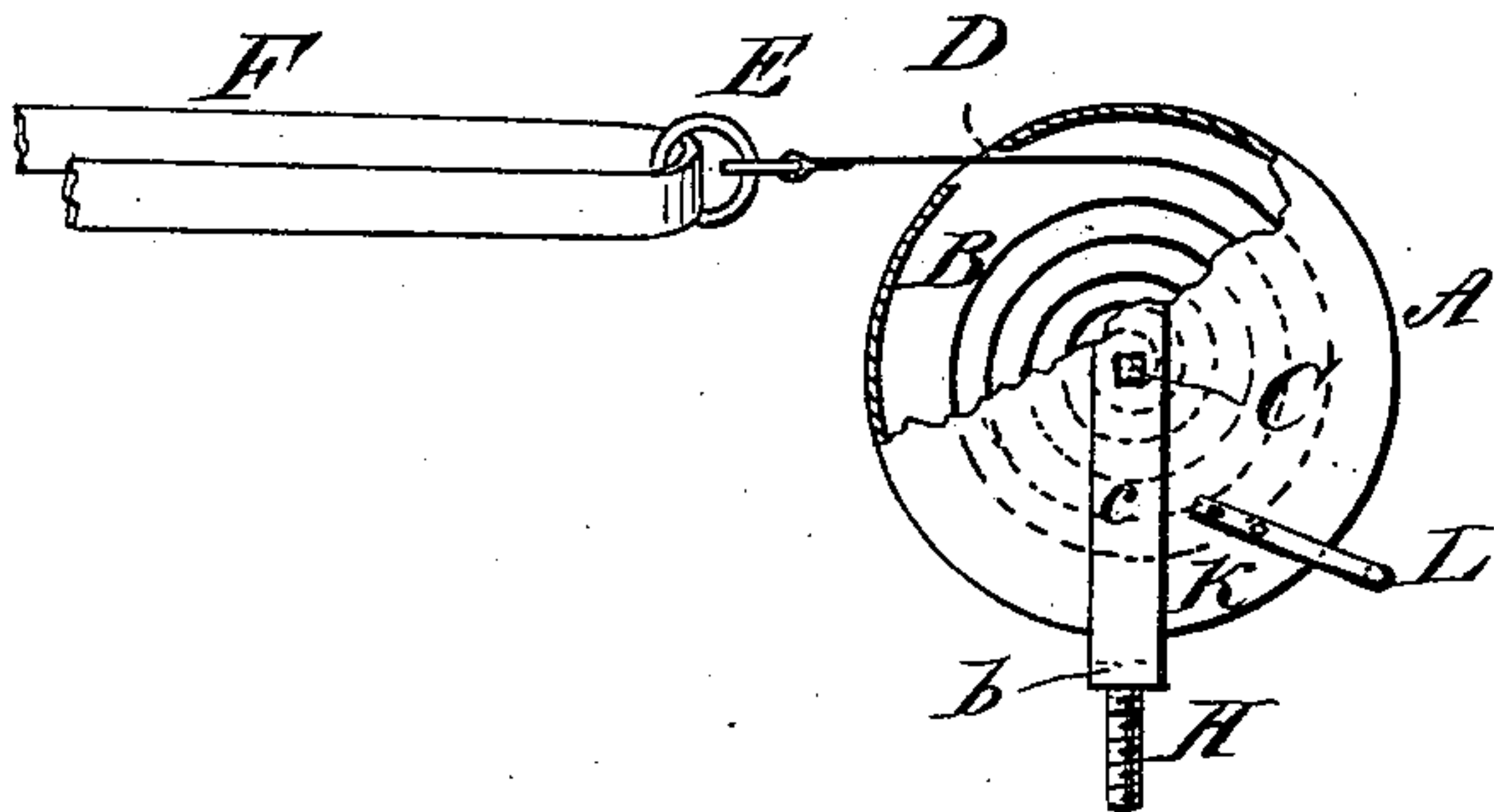


Fig. 2.

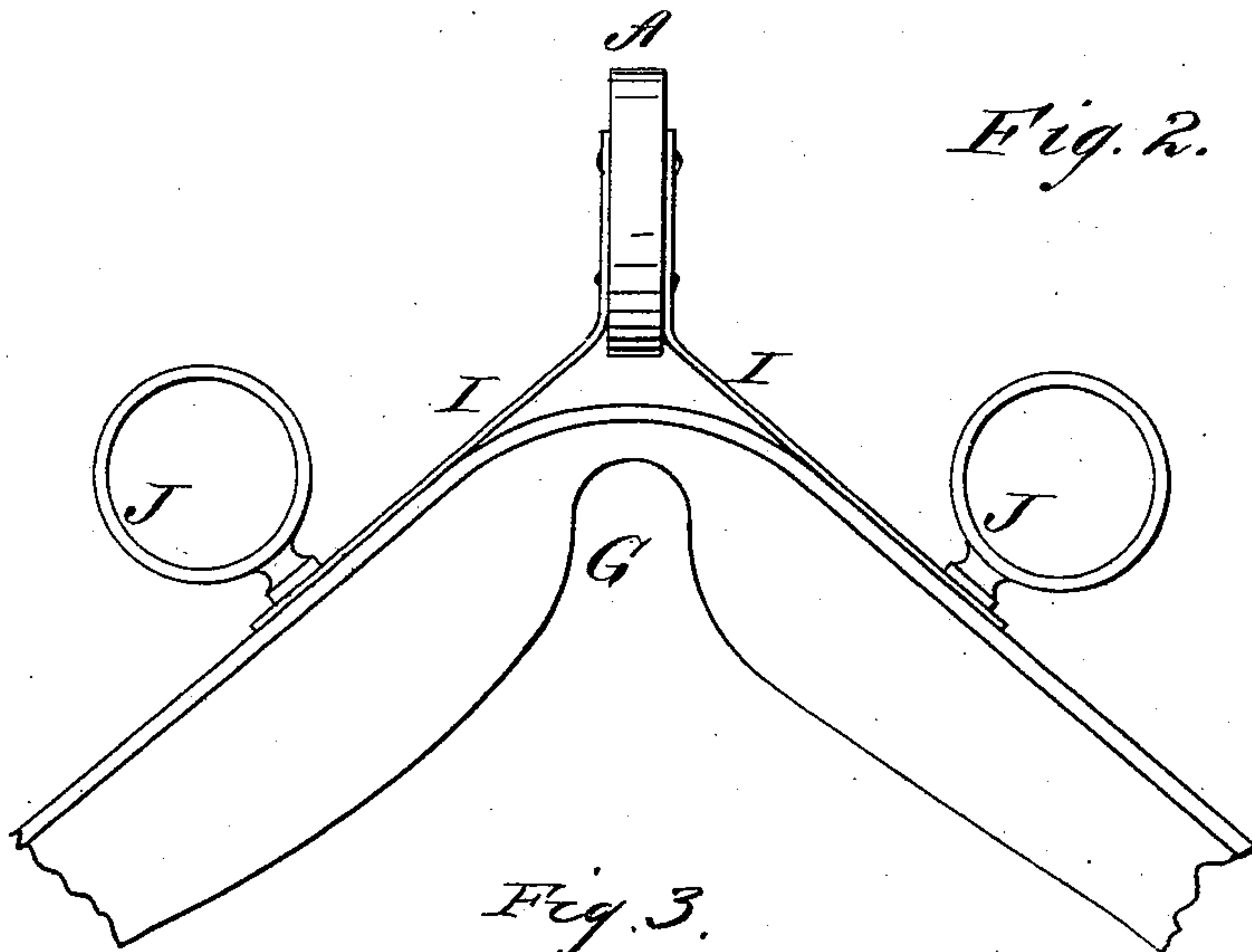
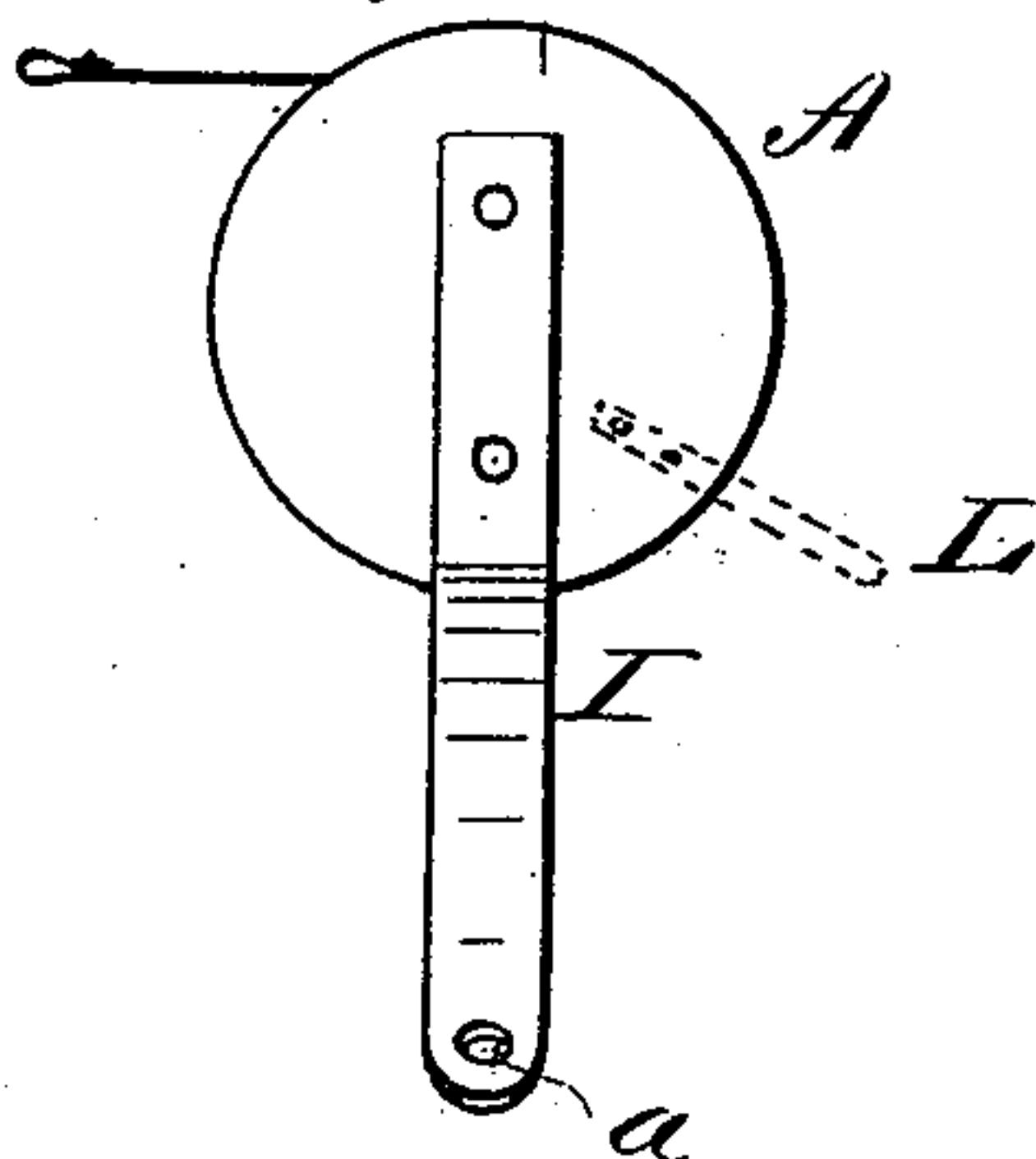


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM BLACK, OF MORRIS, PENNSYLVANIA.

SPRING CHECK-HOOK FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 310,023, dated December 30, 1884.

Application filed May 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BLACK, of Morris, Tioga county, Pennsylvania, have invented a new and Improved Check-Hook for
5 Harness, of which the following is a full, clear, and exact description.

This invention pertains to that class of check-rein hooks wherein a coiled spring or elastic connection for the check-rein is employed;
10 and the invention consists of the detailed construction and combination of parts, substantially as hereinafter fully set forth and claimed.

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

Figure 1 is a broken side elevation of my new and improved check-hook. Fig. 2 is a rear elevation of the same, attached to the back-
20 pad of the harness; and Fig. 3 is a side elevation of the spring check-hook, and showing the attaching-plate I.

A represents a metallic shell, preferably circular in form. In this shell A is placed the
25 volute spring B, one end of which is attached to the fixed central pin, C, while the other end of the spring reaches out through the opening D made in the shell A, and is provided with the ring E, through which the rein F passes,
30 as shown in Fig. 1. The shell A, containing the spring B, may be attached to the saddle-tree or back-pad G of the harness by the screw-shank H, adapted to be screwed into the saddle-tree or center of the back-pad; or it may
35 be attached by the side plates, I, which are riveted or otherwise secured to the sides of the shell A, and reach down to the terrets J, where they are each perforated to form the passage

a, for the screw-shanks of the terrets J, so that by screwing in the terrets the plate I and
40 the shell A will be held securely in place, as shown in Fig. 2, without extra attachment to the back-pad.

The screw-shank H, when used, will be secured to or made a part of the cross-piece b of
45 the yoke K, the arms c c of which are riveted or otherwise secured to the sides of the shell A, as shown. At its rear edge the shell A is provided with the loop L, to which the back-strap of the harness may be attached, if de-
50 sired.

By the use of the spring B considerable freedom of head is allowed the horse, both up and down, and sidewise, and by its use there is
55 less liability of the horse breaking the check-rein or check-hook than with the common rigid check-hook.

Instead of using the ring E for holding the check-rein F, any common form of hook or
60 other suitable device may be used for that purpose, if desired.

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

In a check-hook, the combination, with the containing-case A, supported non-revolvably
65 upon a shaft secured to a support or frame, of the spring B, connected to said shaft and passed through a slot, D, in said case, said spring being connected at its outer end to the check-rein, substantially as shown and de-
70 scribed, for the purpose set forth.

WILLIAM BLACK.

Witnesses:

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