

(No Model.)

W. C. JENCKS.
CHECKREIN HOOK.

No. 405,261.

Patented June 18, 1889.

Fig. 1.

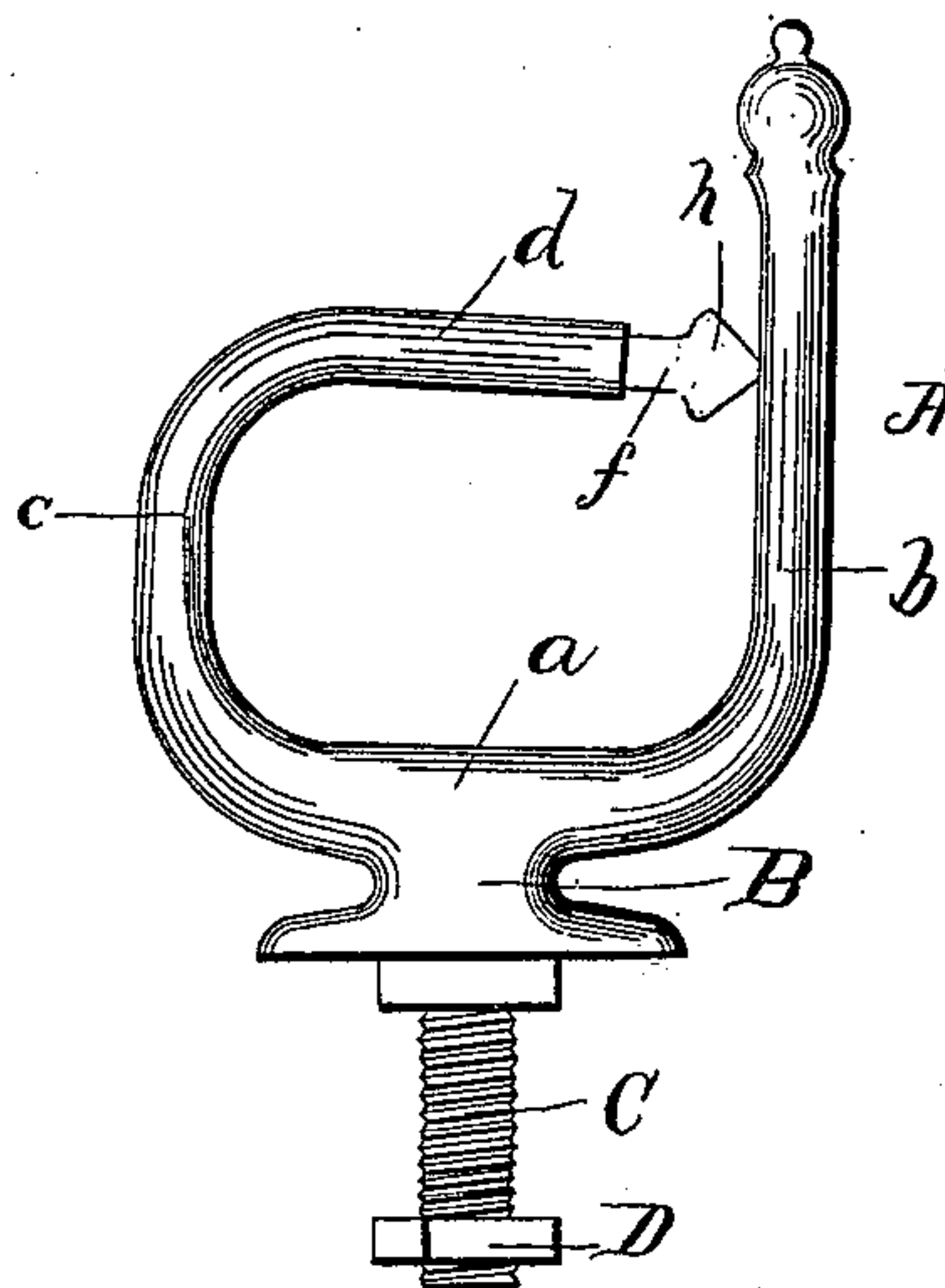


Fig. 2.

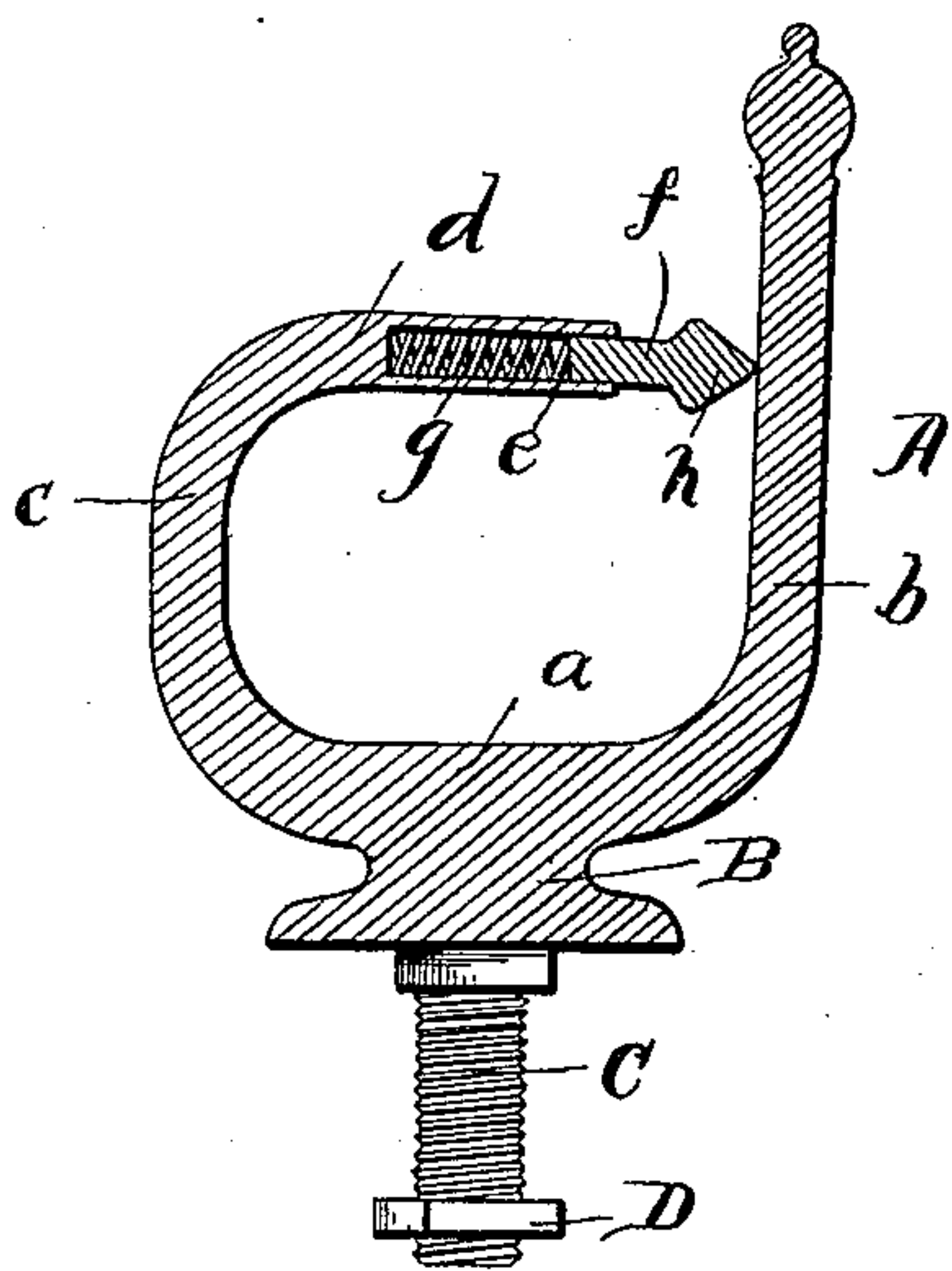
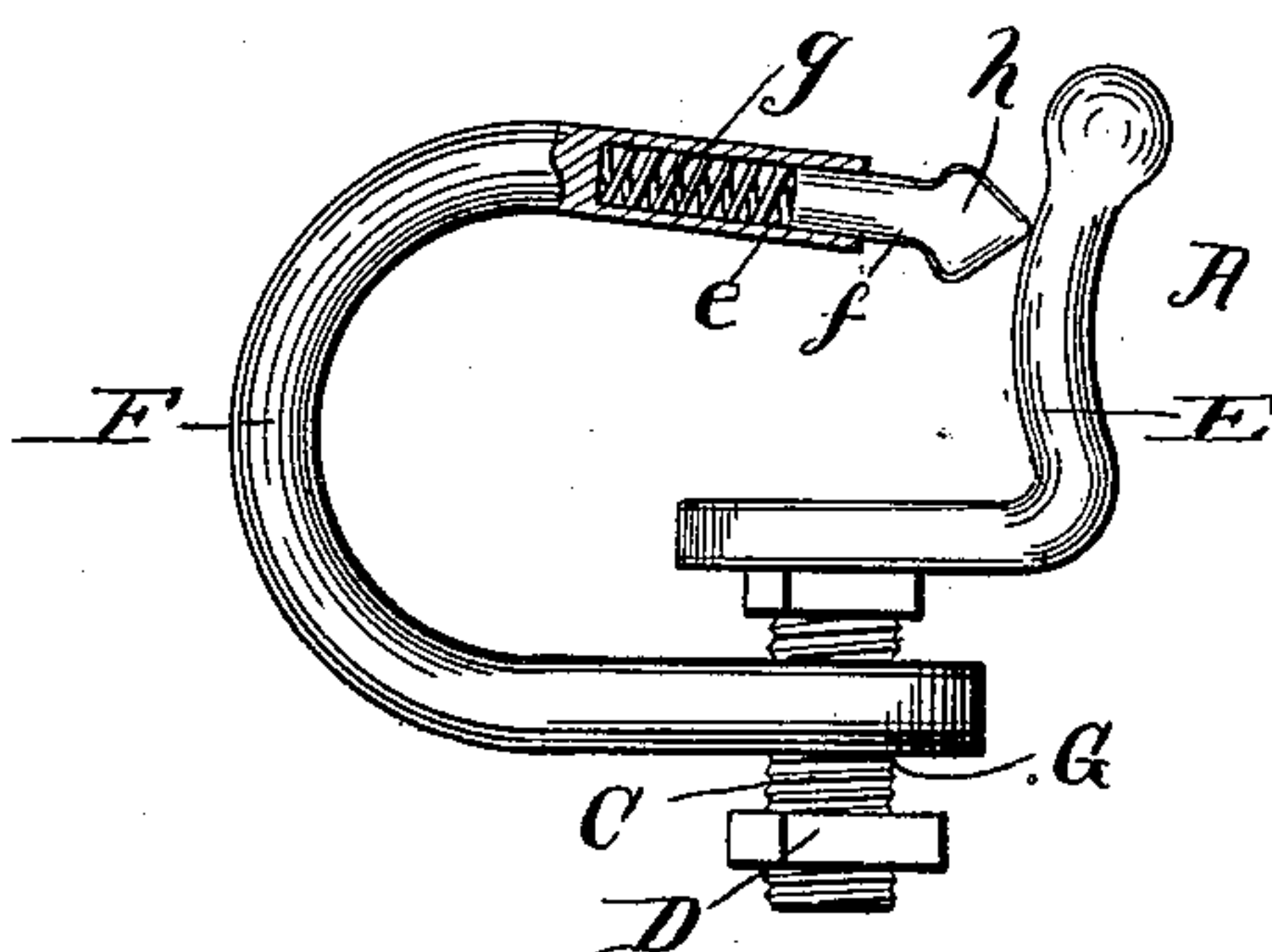


Fig. 3.



Witnesses

Geo. E. Frech.

Wm. Bagger.

Inventor

Walter C. Jencks

By *his* Attorneys

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UNITED STATES PATENT OFFICE.

WALTER C. JENCKS, OF ARGYLE, WISCONSIN.

CHECKREIN-HOOK.

SPECIFICATION forming part of Letters Patent No. 405,261, dated June 18, 1889.

Application filed February 2, 1889. Serial No. 298,506. (No model.)

To all whom it may concern:

Be it known that I, WALTER C. JENCKS, a citizen of the United States, residing at Argyle, in the county of La Fayette and State of Wisconsin, have invented new and useful Improvements in Checkrein-Hooks, of which the following is a specification.

This invention relates to certain improvements in checkrein-hooks; and it has for its object to provide a device of this class which shall be simple in construction and durable, in which the checkrein may be easily inserted or adjusted, and which shall retain it with absolute security.

The invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described with reference to the drawings, in which—

Figure 1 is a side view of a checkrein-hook having my improvements. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a side view, partly in section, illustrating my improvement applied to a modified form of a check-hook.

The same letters refer to the same parts in all the figures.

In Figs. 1 and 2 of the drawings, where my invention has been shown as applied to an ordinary post-hook, A designates the body of the hook, B the base of the same, and C the bolt having the nuts D, whereby the device is in practice attached to the harness-saddle in the usual manner. The body of the hook comprises the lower or central portion *a*, the upright rear portion *b*, which may be either straight or S-shaped, and the front upright portion *c*. The latter is bent rearwardly at its upper end to within a short distance of the rear upright portion *b*, the said upper part *d* being straight and nearly horizontal. The part *d* is provided with a longitudinal recess *e*, in which is seated a pin *f*, which is forced in an outward direction by means of a coiled spring *g*, arranged in the said recess and bearing against the inner end of the pin. The outer end of the latter is provided with an approximately conical head *h*, the point of which, when the pin is forced outwardly by the tension of the spring, bears against the upright portion *b* of the check-hook.

The operation of this device will be easily

understood. The checkrein may be readily inserted into the check-hook by pressing it against the conical head of the pin *f*, which will then be forced inward against the tension of the spring and admit of the insertion of the checkrein into the hook. The pin *f* is then again forced outward by the spring *g*, thus preventing the checkrein from being accidentally displaced from the hook.

By the modification shown in Fig. 3 of the drawings the check-hook is constructed in two sections E and F, the former of which comprises the rear upright and the base of the check-hook, the latter being provided with the bolt and nut for attachment to the harness-saddle, while the part F forms the main body of the hook, and is provided with a perforation G for the passage of the bolt for securing the device to the harness. The upper part of the hook F is straight and nearly horizontal, and is provided with a recess *e*, pin *f*, and spring *g*, all as above described, the projecting head of the pin being arranged to bear against the upright portion *b* of the part E of the hook. The operation of this device is identical with that above described.

The advantages of this invention will be readily appreciated. The construction is very simple and inexpensive, and the device forms a complete safeguard against the annoying displacement of the checkrein, which frequently occurs.

The arrangement of the pin *h* in a substantially horizontal position, as heretofore described, gives an exceedingly convenient operation over a vertically-arranged pin by reason of the fact that it is much easier to pull a pin back horizontally in this class of devices than to draw it down vertically. Furthermore, the position of pin *h* is such that it is protected from injury to a greater degree than if vertically arranged. By arranging my pin *h* in the position set forth I also employ a new construction—viz., recessing the end of hook or arm *g*—while heretofore the mounting of said pin vertically would interfere with the strength and construction of the fastening-bolt of the entire device.

I am aware that a check-hook having the spring-actuated sliding pin to prevent displacement of the check-hook is not new,

broadly. This therefore I do not claim; but,
Having thus described my invention, I claim
and desire to secure by Letters Patent—

As an improved article of manufacture, a
5 check-hook consisting of an upright arm or
post *b* and a hook with an upper substantially
horizontal bent end with a recess therein, a
spring mounted in said recessed end of the
hook, and a conical headed pin bearing against
10 said spring and held by the said recessed end

of the hook normally against the upright post,
substantially as described.

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

WALTER C. JENCKS.

Witnesses:

A. WESCOTT,

T. SIMPSON,

JOHN S. WADDINGTON.