

(No Model.)

C. FAUCHEREAU.

SNAP HOOK.

No. 412,246

Patented Oct. 8, 1889.

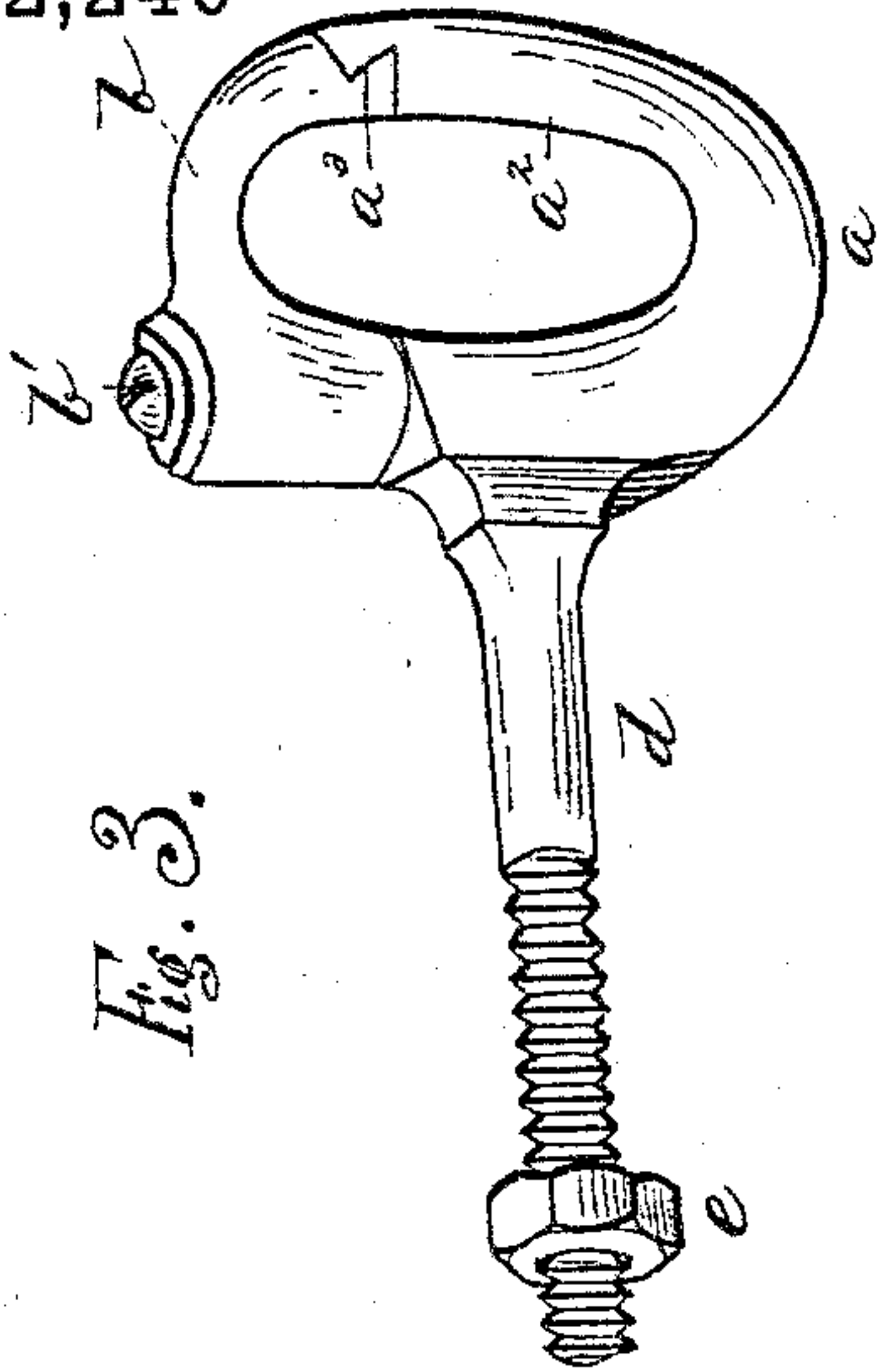


Fig. 3.

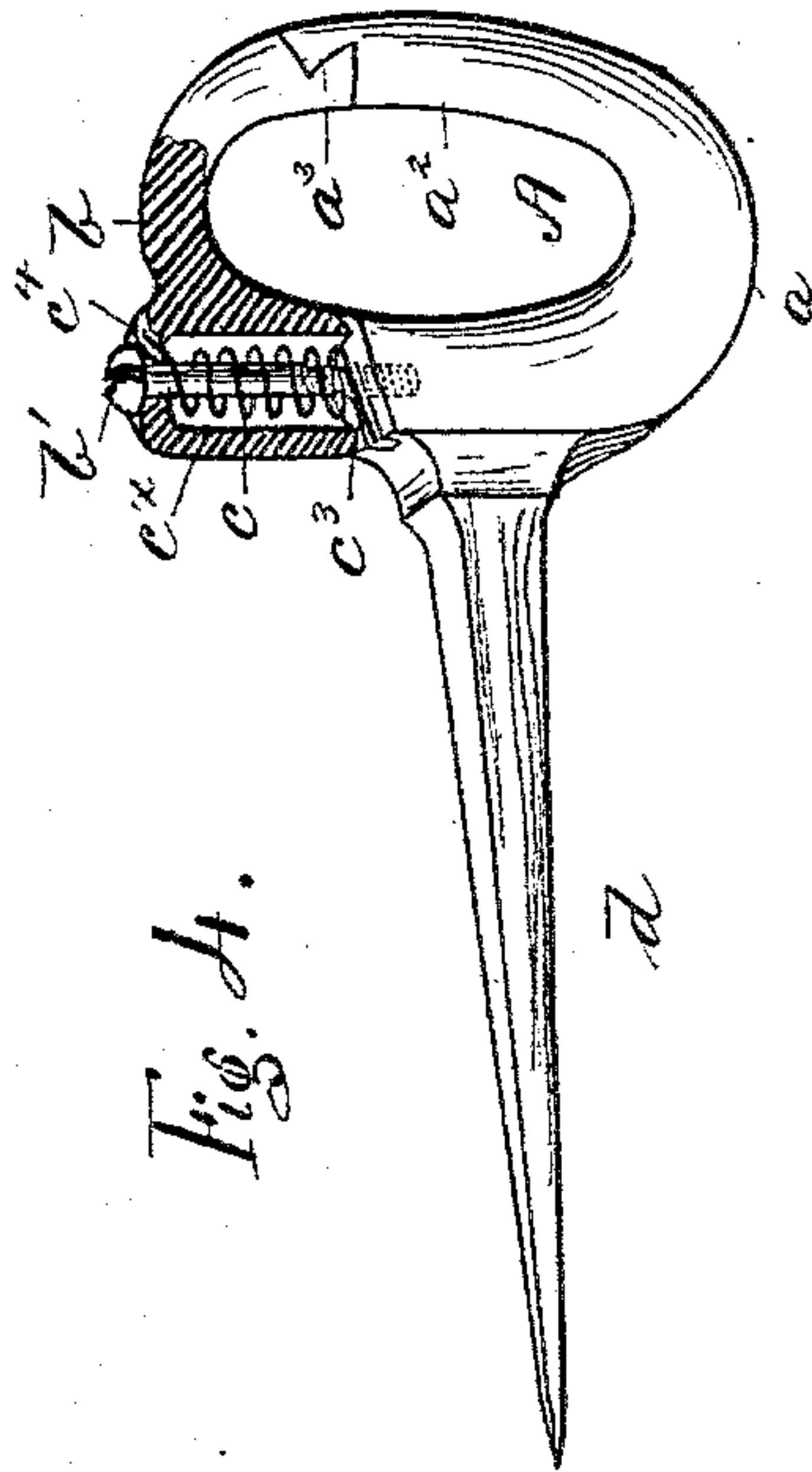


Fig. 4.

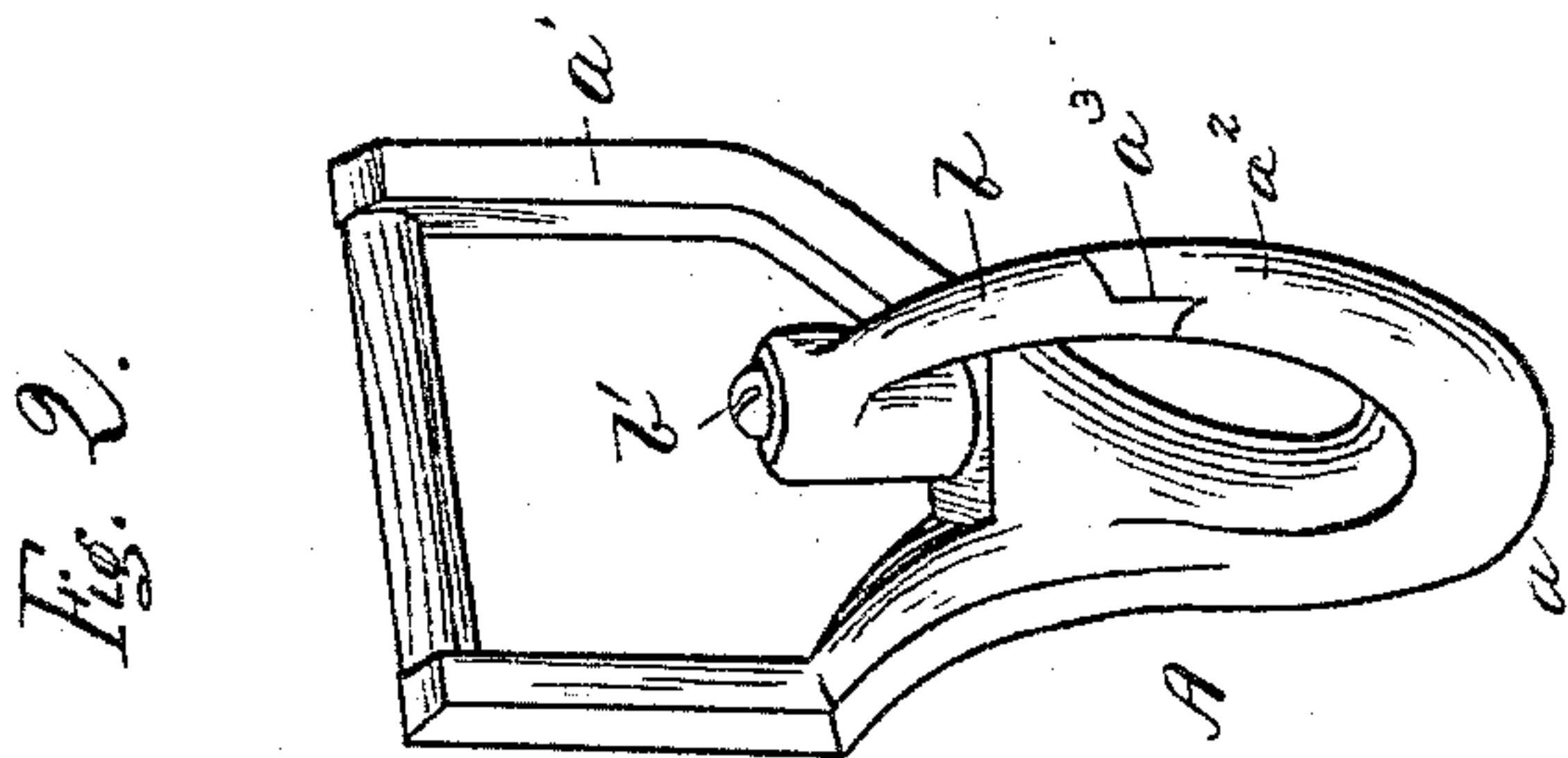


Fig. 2.

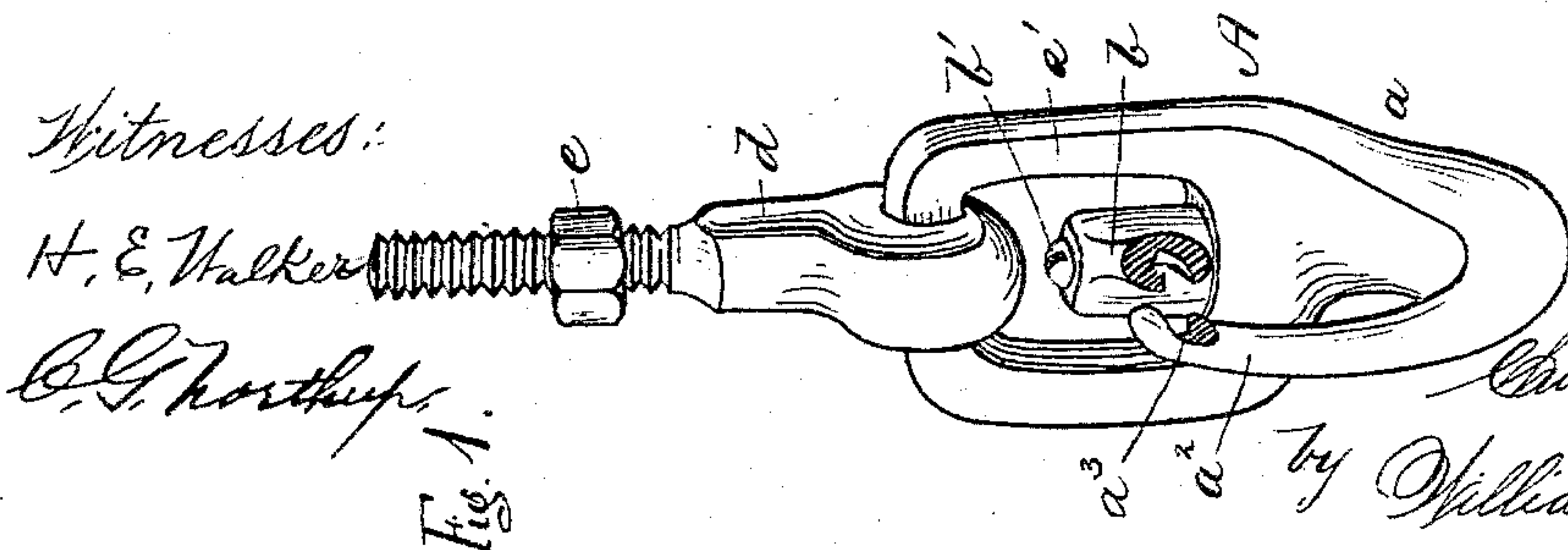


Fig. 1.

Witnesses:

H. E. Walker

C. G. Northrup

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UNITED STATES PATENT OFFICE.

CHARLES FAUCHÉREAU, OF ST. AMAND, SUR SEVRE, FRANCE.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 412,246, dated October 8, 1889.

Application filed June 17, 1889. Serial No. 314,568. (No model.)

To all whom it may concern:

Be it known that I, CHARLES FAUCHÉREAU, a citizen of the French Republic, residing at St. Amand, sur Sevre, in France, have invented certain new and useful Improvements in Snap-Hooks, of which the following is a full, clear, and exact description.

My invention has relation to snap-hooks; and it has for its object to provide a device of the above character which is simple in its construction, is readily adapted to serve the many purposes for which such devices are usually intended, and which is more especially designed for use upon various portions of harness, as well as upon the shafts and singletrees of vehicles.

My invention consists, essentially, in a snap-hook having a pivoted spring-actuated latch which is adapted to be swung laterally with reference to the body of the hook instead of vertically, as is usual in this class of devices.

Inasmuch as my hook is to be employed for many and various purposes, it is necessary that the body of the hook should be varied in its construction in order to adapt said hook to be readily secured or attached to the device with which it is to be used, and I have therefore illustrated in the accompanying drawings several constructions of the hook, though, as will be seen from the description given hereinafter, the same principle of operation is preserved in all the modifications.

In the drawings, Figures 1 to 4 are perspective views of various constructions of my device, the latter figure being shown partly in section to illustrate the arrangement of the coiled spring which actuates the latch.

As will be seen in all the above figures of drawings, the hook has a body or section which is adapted to be secured to any device with which the hook is to be used, and a latch pivoted to said section and adapted to swing laterally in relation thereto to open and close the hook.

In Fig. 1 I have shown a hook which is adapted for use upon harness-collars. In said figure the hook A has a body portion or section a , having the rectangular loop portion a' , and the forwardly and upwardly projecting hook or arm a^2 . The upper end of

the latter is provided with a notch a^3 , for the reception of the notched end of the latch b . The latter is pivoted upon a screw-pin b' , which is screwed into the section a within the loop portion a' , as shown.

For the purpose of maintaining the latch b with its end resting in the notch of the hook a^3 , I employ a coiled spring which bears at one end on said arm, and the mode of arranging this spring is precisely the same in all the forms of construction shown, and is plainly illustrated in Fig. 4 of the drawings. The coiled spring c is placed around the pin b' , within a recess c^x in the latch b , provided for that purpose. One end of said spring is inserted in a notch c^3 in the section a , while the other end of said spring is inserted in a notch c^4 in the latch, and therefore always exerts a tendency to keep the latch closed.

In order to adapt the hook to be secured to a portion of the collar, it is provided with a threaded shank d , carrying a nut e .

The construction of the hook shown in Fig. 2 is substantially similar to that shown in Fig. 1, and is intended for a like purpose, though in this instance it is adapted to be attached by means of a strap.

The hook shown in Fig. 3 is adapted to be used upon the shafts of vehicles. The section a of the hook has no loop portion, but is provided with a threaded shank d , carrying a nut e , like the hook in Fig. 1.

The hook shown in Fig. 4 is adapted to be used upon singletrees of vehicles, and for attachment thereto it is provided with a tapering shank d , made pointed at its end to adapt it to be driven into the singletree.

What I claim is—

1. In a snap-hook, the combination, with the body or section a of the hook provided with an arm a^2 , of the latch b , pivoted upon a pin b' , screwed into the section a and having a recess or chamber c^x , and the coiled spring c , fitted around said pin within said recess, one end of said spring being inserted in a notch in section a and the other in a notch in the latch b , as and for the purpose specified.

2. In a snap-hook, the combination, with the section a of the hook provided with an arm a^2 , the loop portion a' , and the shank d ,

of the latch *b*, pivoted upon a pivot-pin *b'*,
screwed into section *a* and having a recess
c^x, a coiled spring *c*, fitted around said pin
within said recess, one end of said spring be-
5 ing inserted in a notch in section *a* and the
other end in a notch in the latch *b*, as and for
the purpose specified.

In testimony that I claim the foregoing I
have hereunto set my hand this 18th day of
May, 1889.

CHARLES FAUCHEREAU.

Witnesses:

R. J. PRESTON,

M. VILLEPONTON.