

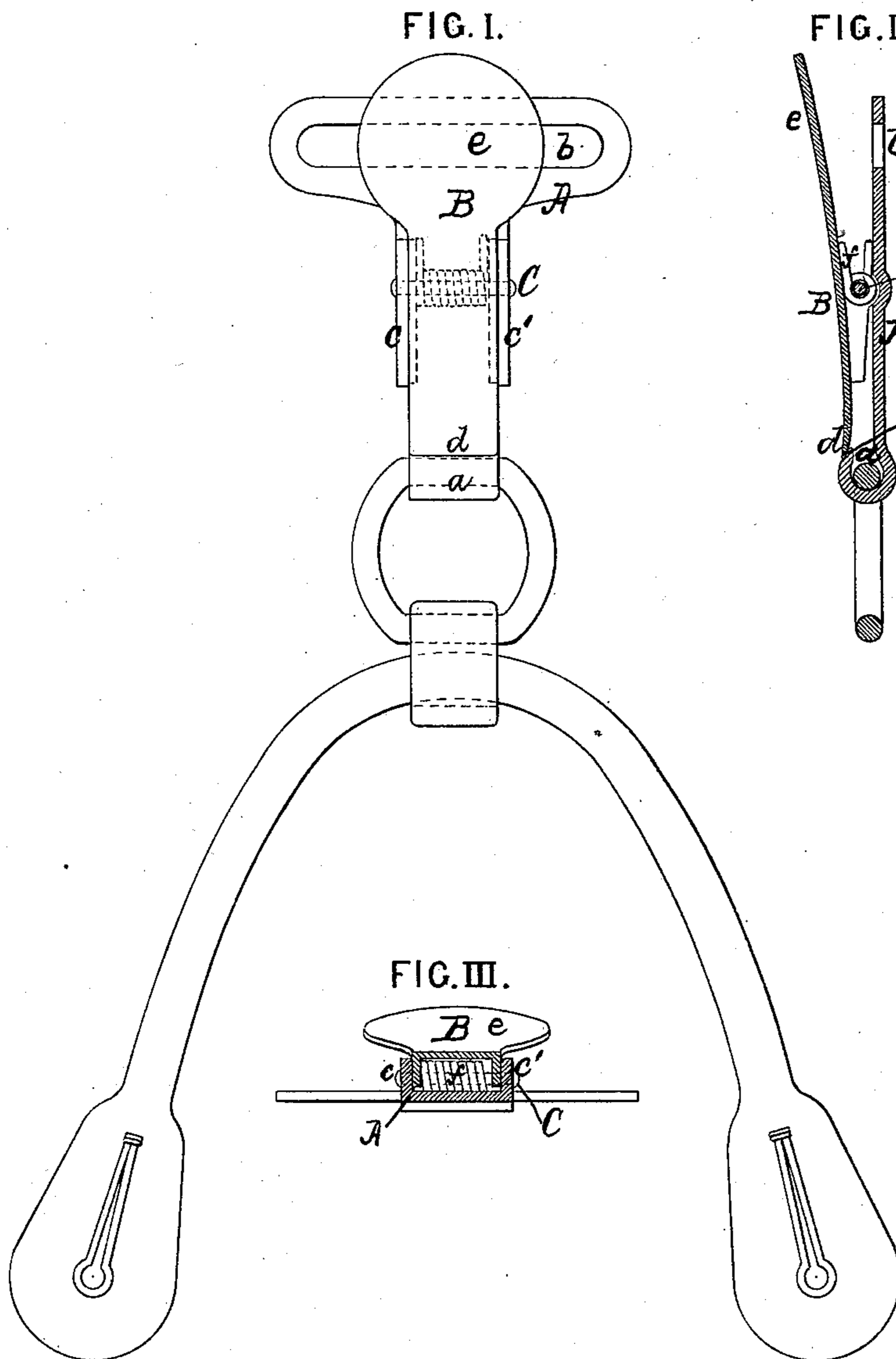
(No Model.)

F. C. WRIGHT.

SNAP HOOK.

No. 253,904.

Patented Feb. 21, 1882.



WITNESSES:

A. S. Fitch
A. J. M. Vermilyea

INVENTOR

Frank C. Wright

BY

J. P. Fitch

ATTORNEY

UNITED STATES PATENT OFFICE.

FRANK C. WRIGHT, OF NEW YORK, N. Y.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 253,904, dated February 21, 1882.

Application filed July 27, 1881. (No model.)

To all whom it may concern:

Be it known that I, FRANK C. WRIGHT, of the city, county, and State of New York, have invented a new Snap-Hook, of which the following is a specification, reference being had to the accompanying drawings, forming part of the same.

My invention relates to a snap-hook that is specially designed and adapted to be used on suspenders, but may be useful in other connections; and it consists of the devices and their combinations, hereinafter described and claimed.

Figure 1 is a front or plan view of a snap-hook embodying my invention and showing the ring of a suspender end attached thereto. Fig. 2 is a central longitudinal section of the snap-hook, and Fig. 3 is a cross-section of the same.

A is a metal plate, which is flat and comparatively wide and of a suitable length. One end (the lower) of this plate is turned over upon the plate, so as to form the deep and wide ended hook *a*. The extremity of this hook is turned downward somewhat toward the face of the plate, and the outer portion of its edge is cut away somewhat, as seen at *a'*. The opposite end of the plate has the wide transverse slot *b*, adapted to receive the end of the shoulder-strap of the suspender. The plate is provided with ears or lugs *c c'* intermediate its ends, that project inward from the edges of the said plate.

B is a lever plate or bar, that is provided with ears or lugs projecting from its edges, formed preferably to fit in between the lugs *c c'*.

C is a pivotal pin, which passes through the said lugs, whereby the plates A and B are jointed together. The lever-plate B is constructed and arranged so that its end *d*, which is brought to a comparatively thin edge, and is somewhat upwardly or outwardly turned, will conform to and will fit down and rest upon the outer surface of the end of the hook *a*, as shown in Fig. 1. The opposite end of B is provided with a thumb-piece, *e*. A spring, *f*, is placed on the pin C, and so arranged that it acts to throw the thumb-piece end of B upward or outward and press the end *d* into contact with the outer surface of the end of the hook *a*. By bearing down the thumb-piece *e* the hook

a is opened to admit upon the hook *a* a ring or equivalent device for connecting the button-straps with the suspender, or in connection with any other article with which said hook may be found convenient.

It is evident that the detaining-hook I have described and shown and constructed of the plates A and B, the former with one of its ends turned over to constitute the wide-ended hook *a*, with its thinned and downwardly-turned edge, and the latter with its thinned and upwardly-turned end *d*, is particularly adapted for use in connection with the ring of a suspender-end, as seen in the drawings.

The entire device, being made of comparatively wide plates, is capable of being made very flat, so that it will not take up any large space on the person of the wearer of the suspenders, and will not interfere with or catch in the superimposed articles of clothing. The peculiar form given to the end *a'* of the hook and to the end *d* of the plate B makes the upper surface of the device, when the plate B is closed down on the hook, a plane surface, and the end of the hook or of the plate B cannot catch in the clothing and cause a displacement of the parts.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an article of manufacture, a snap-hook consisting of the plates A and B, pivoted together as described, plate A having one end turned over upon itself to form the wide-ended hook with the thinned and inwardly-curved edge *a'*, and having at the opposite end the wide transverse slot *b*, and plate B being actuated by spring *f*, and having the thumb-piece *e* and the upwardly-turned thin end *d*, adapted to conform to and rest upon the edge *a'* of hook *a*, all constructed and arranged to operate as specified, whereby the device is particularly adapted for use in a suspender in connection with the ring of a suspender-end, as described.

Witness my hand, July 23, 1881.

FRANK C. WRIGHT.

In presence of—

P. B. VERMILYA,
A. G. N. VERMILYA.