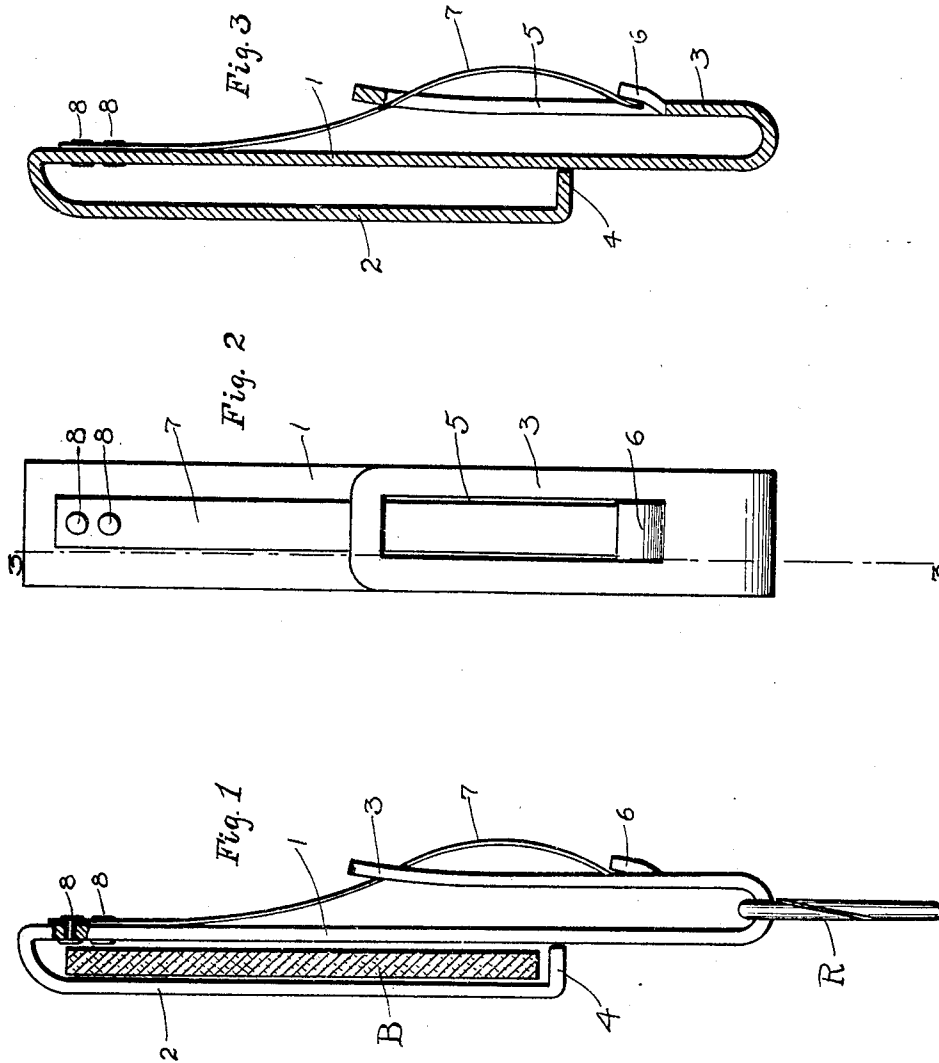


A. HAUER.
HOOK.

APPLICATION FILED FEB. 25, 1909.

926,697.

Patented June 29, 1909.



Witnesses,
Carrie A. Ivy
R. V. Meyer

Inventor,
Anthony Hauer
By Cyrus K. K. R.
Attorney.

UNITED STATES PATENT OFFICE.

ANTHONY HAUER, OF CHATTANOOGA, TENNESSEE.

HOOK.

No. 926,697.

Specification of Letters Patent.

Patented June 29, 1909.

Application filed February 25, 1909. Serial No. 480,043.

To all whom it may concern:

Be it known that I, ANTHONY HAUER, a citizen of the United States, residing at Chattanooga, in the county of Hamilton and State of Tennessee, have invented a new and useful Improvement in Hooks, of which the following is a specification, reference being had to the accompanying drawing.

My improvement relates particularly to hooks intended to be temporarily attached to a belt and used for carrying bunches of keys.

The object of the improvement is to provide a hook from which the key ring can not become accidentally detached, and which is at the same time of such simple construction as to permit economical manufacture and easy manipulation.

In the accompanying drawings, Figure 1 is a side elevation of a hook embodying my improvement; Fig. 2 is a front elevation of the same hook; Fig. 3 is a section on the line 3—3 of Fig. 2, looking toward the right.

In the form shown in said drawings, the main element of the hook consists of a single, heavy piece of sheet metal the upper end of which is folded rearward and downward and the lower end of which is folded forward and upward, to form of such metal piece a middle body portion, 1, an upper downward-extending back portion, 2, and a front rising portion, 3. The lower end of the back portion, 2, has a forward-directed portion, 4, directed against the back of the middle portion, 1. The back portion, 2, may be sprung away from the body portion, 1, to admit a belt, B, between the portions, 1 and 2.

In the front portion, 3, is an upright recess or slot, 5, formed by cutting out the middle of said portion. In the lower portion of said slot is a tongue, 6, the base of which is directed outward and the upper portion of which is directed upward, so that said recess or slot, 5, is left open downward as far as the base of said tongue, but said tongue stands in front of the lower portion of said slot. Said tongue and said slot may be formed by making a cut through the front portion, 3, along a line which is to coincide with the upper end of the slot and along upright lines which are to coincide with the sides of the slot. This will leave a long tongue having its base at the lower end of said slot and extending to the top

of the latter. Another cut is made across said long tongue at a distance above its base equal to the desired height of the tongue, 6. The portion thus left is bent outward at its base and thence upward, into the form shown in Fig. 3.

A thin, upright spring, 7, has its upper or fixed end resting flatwise against the upper portion of the front face of the body portion, 1, and secured thereto in any desired manner, as by means of rivets, 8. The lower end of said spring tongue rests normally in the lower end of the recess or slot, 5, and against the tongue, 6, (so that a key ring, R, can not enter between the spring tongue and the rising portion, 3), and is curved outward through the slot, 5, far enough to permit backward pressure by the thumb or finger to bring the adjacent end of said spring tongue backward out of the recess or slot, 5, behind the tongue, 6, far enough to allow a key ring, R, to move upward between said tongue and the front rising portion, 3.

I claim as my invention:

1. In a device of the nature described, the combination of a body portion and a front rising portion, said portions being integral and said rising portion having an upright slot and at the lower end of said slot a tongue, and a spring tongue secured by its upper end to the upper end of said body portion and having its lower end extending into said slot and bearing against the tongue at the base of said slot.

2. In a device of the nature described, the combination of a body portion and a front rising portion, said portions being integral and said rising portion having an upright slot and at the lower end of said slot a tongue, and a spring tongue secured by its upper end to the upper end of said body portion and having a portion near its lower end extending through said slot and having its lower end in said slot and bearing against the tongue at the lower end of said slot.

In testimony whereof I have signed my name, in presence of two witnesses, this twentieth day of February, in the year one thousand nine hundred and nine.

ANTHONY HAUER.

Witnesses:

C. L. KNOEDLER,
W. A. FAIRCHILD.