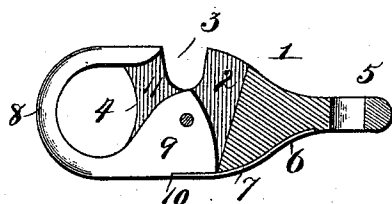
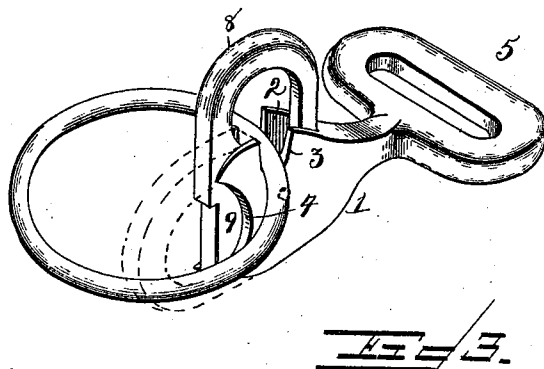
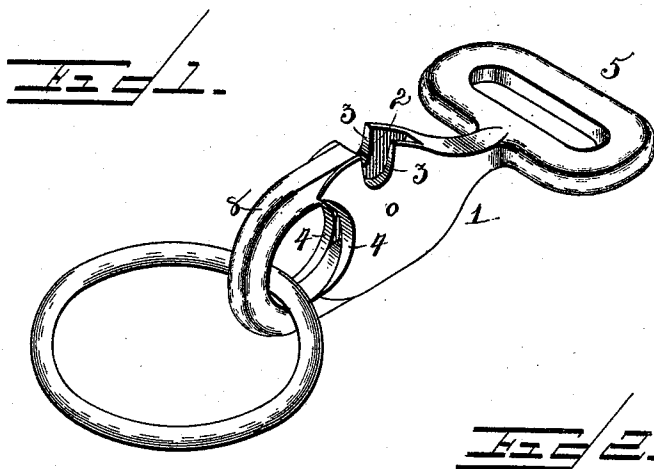


(No Model.)

C. J. JENCKS.
SNAP HOOK.

No. 499,361.

Patented June 13, 1893.



Witnesses
W. C. Schneider.
Chas. S. Hoyer.

Inventor
Calvin J. Jencks.

By His Attorneys,

C. Snow & Co.

UNITED STATES PATENT OFFICE.

CALVIN JUDD JENCKS, OF REEDSBURG, ASSIGNOR TO WALTER C. JENCKS,
OF ARGYLE, WISCONSIN.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 499,361, dated June 13, 1893.

Application filed March 24, 1893. Serial No. 467,466. (No model.)

To all whom it may concern:

Be it known that I, CALVIN JUDD JENCKS, a citizen of the United States, residing at Reedsburg, in the county of Sauk and State of Wisconsin, have invented a new and useful Snap-Hook, of which the following is a specification.

This invention relates to snap-hooks, and has for its object to provide a safety device of the character set forth that will be prevented from becoming accidentally unsnapped or opened; and with these and other ends in view, the invention consists of the construction and arrangement of parts thereof as will be more fully hereinafter described and claimed.

In the drawings: Figure 1 is a perspective view of a snap-hook embodying the invention, showing a ring in connection therewith. Fig. 2 is a similar view, showing the snap-hook and ring arranged for disconnecting the latter. Fig. 3 is a sectional side elevation of the snap-hook with the ring removed.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates the body of the snap-hook, which is bifurcated or slotted longitudinally, as at 2, and the upper walls on opposite sides of the slot or bifurcation are formed with aligned curved slots 3, that open outwardly from the top of said body. The front edges of the walls on opposite sides of the bifurcation or slot are formed with indented recesses 4, that are preferably of segmental form, and at the rear of the body 1 is integrally formed a transversely-extending loop 5. The under rear edge of the body 1, and a part of the under side of the loop 5, are constructed with a groove 6, in which is seated a flat spring 7 secured in position at its rear end and extending over the lower open side of the body a considerable distance.

A hook 8 has the shank 9 thereof pivotally mounted in the bifurcation or slot of the body 1, and the curvature of the said hook is such that the contour of the inner engaging surface of the same merges into the recesses 4 of

the body 1 when the said hook is in locking position, as shown in Fig. 1, while the upper free end of the said hook is held between the walls of the bifurcation or slot in advance of the curved slots 3. The under edge of the rear part of the shank 9 is constructed with a shouldered recess 10, with which the front free end of the spring 7 is adapted to engage, to thereby hold the said hook in the position shown in Fig. 1 against accidental movement of the same. The under edge of the free end of the hook 8 is beveled, as at 11, in order to cause the same to stand a considerable distance upward toward the tops of the slots 3, or on a level with the upper terminations of the same when the said free end of the hook is moved across the said slots.

In operation the hook 8 is moved either in the position shown in Fig. 2, and the ring arranged in the slots 3 to release the same by leaving the said ring remain in the slots 3 and forcing the hook downward into the position shown in Fig. 1, or while the said hook is in the position shown in Fig. 1 the ring or other device adapted to be attached to the snap-hook is placed in the slots 3 and the hook positioned as shown in Fig. 1, when the ring or other device to be attached is then moved into the hook and the latter again drawn into the position shown in Fig. 1.

It will be seen that the hook does not depend for its operation upon the spring 7, as the said spring merely acts to sustain the hook in its closed position against too loose movement.

The construction of the device as an entirety is simple, and its action is positive, while an engagement or disengagement relative thereto may be quickly obtained without any appreciable loss of time or expense of labor.

Changes in the proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

In a snap-hook, the combination of a body

having a bifurcation or slot therein, the walls
at the upper part of the latter being formed
with aligned slots that open outwardly from
the top of the body, and the front edges of
5 said body also formed with curved recesses,
and a hook having a shank pivotally mounted
in said body and arranged to have its free
end turned upwardly over the top of the said
body, the lower part of the body having a flat
10 spring attached thereto that is arranged to

bear against the under rear edge of the shank
of the hook, substantially as described.

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

CALVIN JUDD JENCKS.

Witnesses:

J. B. RIGHTER,

C. C. STEVENS.