(No Model.)

F. C. AYRES.

SNAP HOOK.

No. 274,694. Patented Mar. 27, 1883.

Fig. 1.

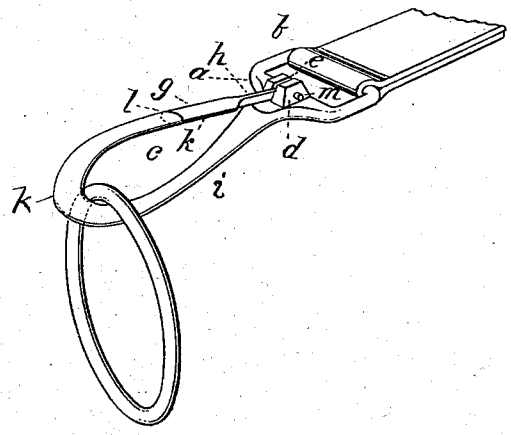


Fig. 2.

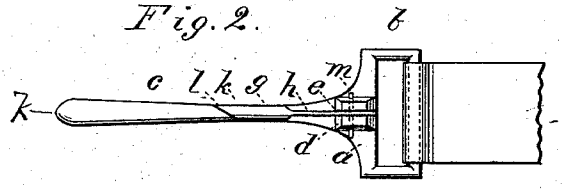
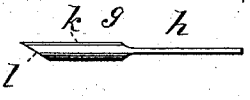


Fig. 3.



Fig. 4.



WITNESSES

Villette Anderson.
Philip Lemasi.

INVENTOR

F. C. Ayres
by Anderson & Smith
his ATTORNEYS

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

FRANKLIN C. AYRES, OF DEADWOOD, DAKOTA TERRITORY.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 274,694, dated March 27, 1883.

Application filed November 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, F. C. AYRES, a citizen of the United States, and a resident of Deadwood, in the county of Lawrence and Territory of Dakota, have invented a new and valuable Improvement in Snap-Hooks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my snap-hook. Fig. 2 is a top or plan view of the same, and Figs. 3 and 4 are detail views of the tongue.

This invention has relation to snap-hooks; and it consists in the construction and novel arrangement of parts, as will be hereinafter more fully described and claimed.

In the accompanying drawings, the letter *a* designates the body of a snap-hook formed with the eye or loop *b* at right angles to the plane of the hook *c*. The shank *i* of the hook *c* extends forward from the loop *b*, is curved downward and upward, and then rearward to the bevel end *l*, an enlarged portion, *k*, being formed at the junction of the advancing and receding curves of the hook. On the body portion is formed a shoulder or projection, *d*, which is slotted vertically at *e* in the direction of the central plane of the hook, and is perforated laterally for the reception of a securing-pin.

g indicates an arm having a spring-shank, *h*, of ribbon form, and an enlarged head portion, *k*, which is formed with a laterally-beveled end, *l*. The spring-shank *h* of this arm is inserted into the slotted seat *e* of the shoulder or bearing *d*, and is held therein by means of a pin or rivet, *m*. The plane of the shank *h* lies in the direction of the central plane of the hook *c*, the end of which is laterally beveled in the opposite direction to engage the beveled end of the arm *g*, as shown in the drawings. The arm *g* is held in a firm manner against any pulling or pressure exerted in the direction of the plane of the hook, but possesses lateral elasticity, so that it will yield when pressed sidewise either in attaching or detaching it.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

In a snap-hook, the combination, with the body portion *a*, having loop *b*, shank *i*, bevel end hook, *c*, and the shoulder *d*, slotted vertically at *e* in the direction of the central plane of the hook, and perforated laterally at *m*, of the arm *g*, having the perforated ribbon shank *h*, and the enlarged head *k*, provided with the laterally-beveled end *l*, the two parts united by the rivet or pin, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FRANKLIN C. AYRES.

Witnesses:

ABNER D. STEWARD,

EUSTUS H. JEWETT.