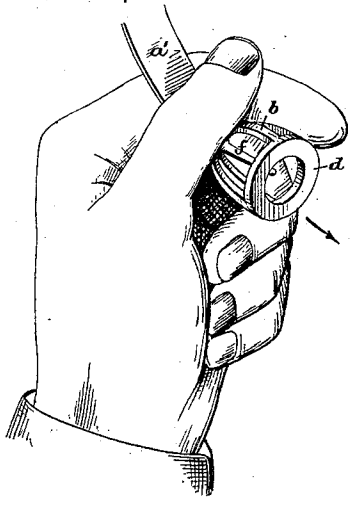
(No Model.)

G. M. STOUT.

HALTER SNAP.

No. 357,944. Patented Feb. 15, 1887.

FIG. 1.



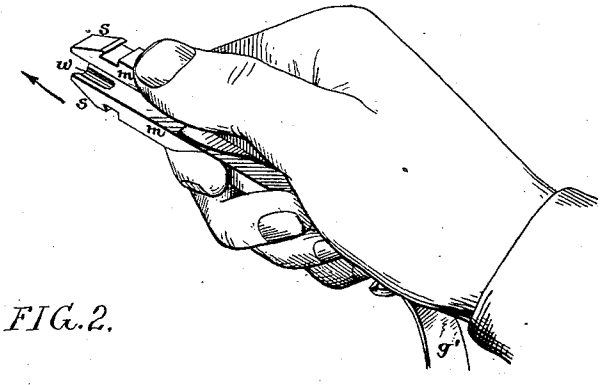


FIG. 2.

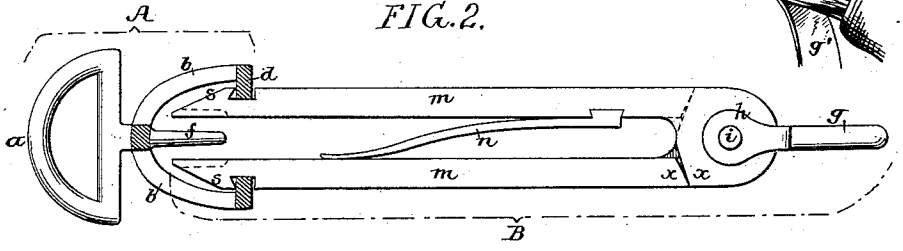


FIG. 3.

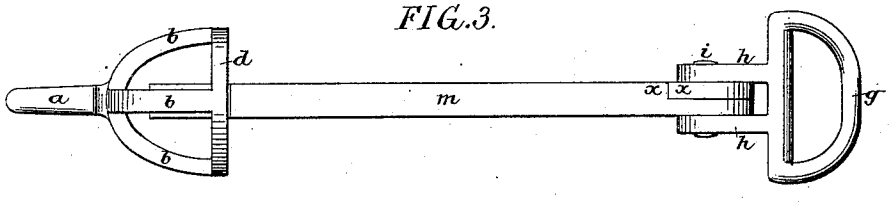


FIG. 4.

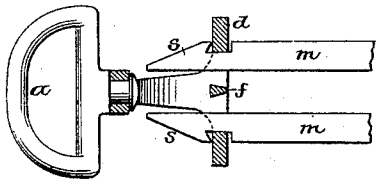
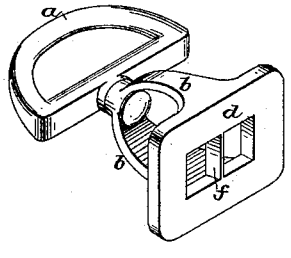


FIG. 5.



Witnesses:
Alex. Barkoff
David L. Williams.

Inventor:
George M. Stout
by his Attorneys
Howson and Howson

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

UNITED STATES PATENT OFFICE.

GEORGE M. STOUT, OF PHILADELPHIA, PENNSYLVANIA.

HALTER-SNAP.

SPECIFICATION forming part of Letters Patent No. 357,944, dated February 15, 1887.

Application filed December 6, 1886. Serial No. 220,803. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. STOUT, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Halter-Snaps, of which the following is a specification.

The object of my invention is to so construct a halter-snap that the two parts can be readily applied to and as readily removed from each other; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view, showing the manner of applying the parts of the snap to each other; Fig. 2, a side view, partly in section, and on a larger scale, showing the snap closed; Fig. 3, a side view of the snap, and Figs. 4 and 5 views illustrating a modification of my invention.

A represents the part of the snap which is attached to the strap, chain, or other support in the stall, and B is the part of the snap which is attached to the halter.

The portion A comprises an eye, *a*, to which the strap or other support, *a'*, is attached, and a frame, *b*, having an inwardly-projecting end plate, *d*, and central projecting bar, *f*.

The portion B of the strap has an eye, *g*, for the reception of the halter-strap or other connection, *g'*, this eye having projecting lugs *h*, to which are pivoted, by means of a pin, *i*, a pair of snap-arms, *m*, a spring, *n*, tending to separate these arms, the opening movement of which is restricted, however, by the contact of shoulders *x x* on the arms, as shown in Fig. 2.

The outer ends of the arms *m m* have hooks *s*, for engagement with the inwardly-projecting portion of the end plate, *d*, of the frame *b*, and in applying the portion B of the snap to the portion A said portion A is held in one hand and the portion B in the other, and the two are then brought together in the direction of the arrows, Fig. 1, the beveled ends of the hooks *s* entering the central opening of the end plate, *d*, which thus serves to compress the arms *m m* until the hooks *s* have passed inward beyond said end plate, whereupon the arms recoil under the influence of the spring *n*, so as to cause the engagement of the hooks with the plate.

In releasing the portion B of the snap from the portion A the arms *m m* are compressed, so as to withdraw the hooks *s* laterally from engagement with the plate *d*, and the portion B is then withdrawn longitudinally from the portion A. In attempting to hurriedly disengage the two portions of the snap, however, difficulty might be experienced in keeping the hooks *s* in the central position necessary to permit their withdrawal through the central opening in the plate *d;* hence I provide the central guide-bar, *f*, which forms a bearing for the inner sides of the hooked ends of the arms *m* when the latter are contracted, and prevents any such lateral movement of the portion B of the snap as would bring either of the hooks into engagement with the end plate, *d*, when the arms are contracted.

In the snap shown in Figs. 1, 2, and 3 the end plate, *d*, is circular, swiveling action of the two parts of the snap being thus provided for; but in the modification shown in Figs. 4 and 5 the frame *b* has a rectangular end plate, and the eye *a* is separate from the frame *b* and is swiveled thereto. In this modification, also, a different form of central guide-bar is employed.

The hooked ends of the arms *m* are preferably recessed in the rear sides, as shown at *w* in Fig. 1 and by dotted lines in Fig. 2, so as to permit said arms to be closed upon the guide-bar *f*.

I claim as my invention—

1. The combination of the part A of the snap, comprising an eye, and a frame having an inwardly-projecting end plate, with the part B, comprising an eye, and projecting spring-arms hooked at the ends for engagement with the end plate of the portion A of the snap, and having shoulders *x*, to restrict the spreading of the arms, all substantially as specified.

2. The combination of the portion B of the snap, having elastic arms hooked at the outer ends, with the portion A of the snap, having an inwardly-projecting end plate for engaging said hooked arms, and a bar projecting between the ends of the arms and serving to properly center the same as they are compressed to release the snap, all substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. M. STOUT.

Witnesses:
WILLIAM D. CONNER,
HARRY SMITH.