

(No Model.)

T. E. PAGE.
COMBINED BUCKLE AND SNAP HOOK.

No. 486,536.

Patented Nov. 22, 1892.

Fig. 1.

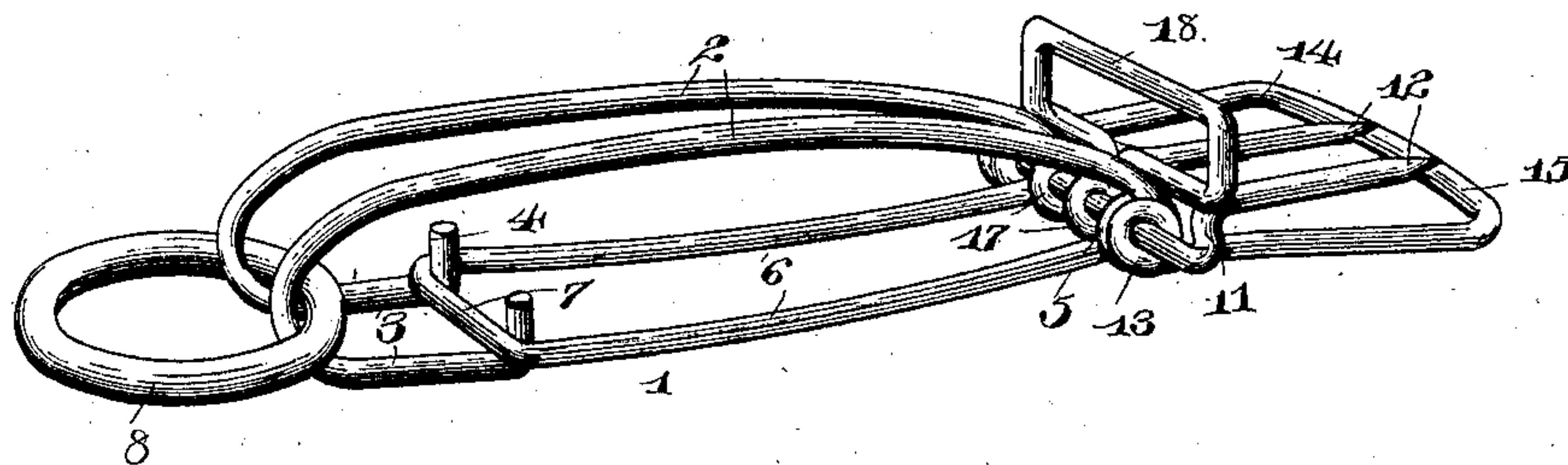
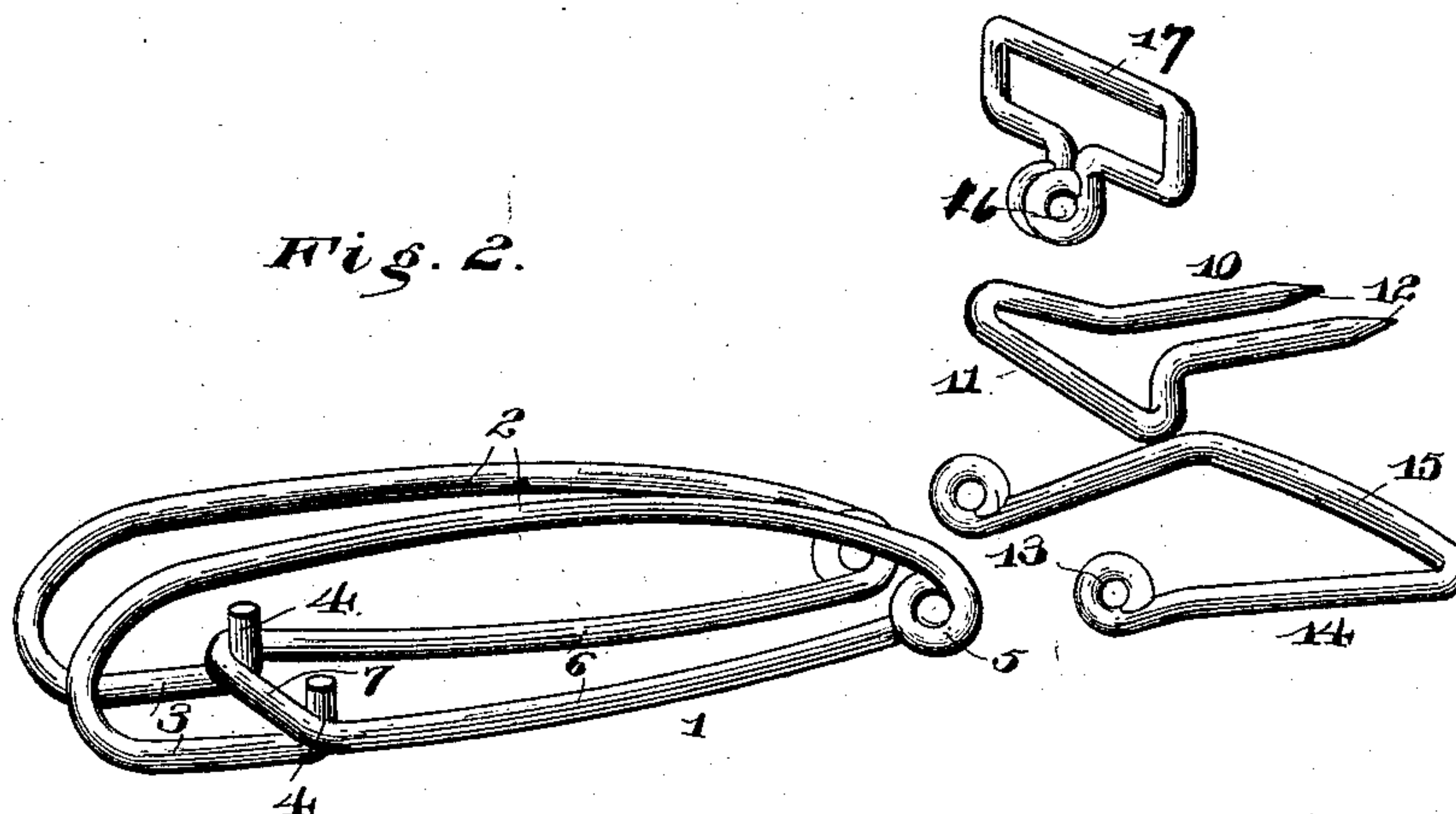


Fig. 2.



Witnesses

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TRUMAN E. PAGE, OF LA CROSSE, WISCONSIN.

COMBINED BUCKLE AND SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 486,536, dated November 22, 1892.

Application filed June 15, 1892. Serial No. 436,838. (No model.)

To all whom it may concern:

Be it known that I, TRUMAN E. PAGE, a citizen of the United States, residing at La Crosse, in the county of La Crosse and State of Wisconsin, have invented a new and useful Combined Buckle and Snap-Hook, of which the following is a specification.

This invention relates to a combined snap-hook and buckle; and it consists of two hooks and a double spring in one piece, a loop and tongues for part of a buckle in another piece, and a bow for completing the buckle in still another piece, all of said parts being held together by means of eyes and bends of the loop and buckle-tongue combination, as will be more fully hereinafter described and claimed.

The object of this invention is to provide a device of the character set forth of such construction and arrangement of parts that it may be readily adjusted to any part to which it is adapted to be secured without the special preparation of a fastening on an extra piece to hold the device and wherein are employed two snap-arms instead of one, making it doubly secure against accidental unfastening, and is thereby twice as strong or of increased strength even when made of light material because holding at both hook and spring ends at the same time. It also springs from all directions, making it automatically responsive to accidental pressure exerted thereon and avoid breakage and release, and can be easily applied with gloved hands, and it is of such open construction that it cannot become clogged with mud or affected by snow and ice or frost.

In the drawings, Figure 1 is a perspective view of the improved device. Fig. 2 is a similar view of the parts of the device disconnected.

Similar numerals of reference are employed to indicate corresponding parts in both the figures.

Referring to the drawings, the numeral 1 designates the snap-hook, which is composed of a pair of spring-arms 2, having their front ends bent under, as at 3, and then upward, as at 4. These arms 2 are separate from each other and are slightly of concavo-convex form to increase the resiliency thereof, and the rear portions of the same are formed into eyes 5, from which is continued forward a loop 6,

with which the upper bent portion 4 of each of the arms 2 is adapted to engage when the snap-hook is in locked position. It will be seen that the front bent portions of the arms 2 are adapted to have free lateral movement when in connection with the front cross-bar or bend 7 of the loop 6, and said bent portions of the arms 2 in advance of the front part of the loop 6 form a seat for the part with which they are connected, as fully illustrated by the ring 8. A tongue 10 is provided, having a loop 11, on the bar of which the eyes 5 of the snap-hook are movably mounted. The said tongue may be formed with as many prongs 12 as desired; but, as shown in the accompanying drawings, two of such prongs are employed. On the bar of the loop 11, outside of the eyes 5 of the snap-hook, are movably mounted eyes 13 of a buckle-frame 14, the latter having a bar 15, on which the ends of the prongs 12 are adapted to rest, and said buckle-frame and prongs are adapted to be connected to a strap or strap connection of any form, as will be readily understood. Between the eyes 5 of the snap-hook and also movably mounted on the bar of the loop 11 of the aforesaid prongs are eyes 16, formed on the ends of a loop or bow 17, and the latter is so situated as to be readily engaged by the free end of the strap in the manner which will be readily seen. The device entire is simple and compact in form, and the parts thereof can be readily constructed and assembled in the form shown in Fig. 1.

The advantages of the device are manifold, especially to the maker, user, and mender of harness, in that it requires a comparatively small amount of time, labor, and expense to secure the device in proper operating position and dispenses with the employment of extra pieces of material to hold the device in position, and also of stitching or other mode of fastening, as the securing of the device is obtained by means of the buckle set forth, which is fastened directly to the end of the strap to which it is desired to apply the device, and by this means it is especially advantageous in connection with driving-reins.

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

1. The herein-described device, consisting of a snap-hook comprising two spring-arms

and an integral loop, with eyes at the rear portion thereof, a tongue having a free loop, with which said eyes engage, a buckle-frame having eyes engaging said loop outside of the 5 eyes of the snap-hook, and a loop having eyes engaging said loop of the tongue between the eyes of the snap-hook, substantially as described.

2. The herein-described snap-hook, made of 10 a single piece of wire and comprising the spring-arms 2, having their front ends bent under and upward, as at 3 and 4, and at the

other end formed into eyes 5 and doubled into a loop 6 to engage the bent ends 4, combined with an attaching-buckle secured to said 15 snap-hook, as set forth.

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

TRUMAN E. PAGE.

Witnesses:

CHARLES S. FOURT,
PETER KIENHOLZ.