

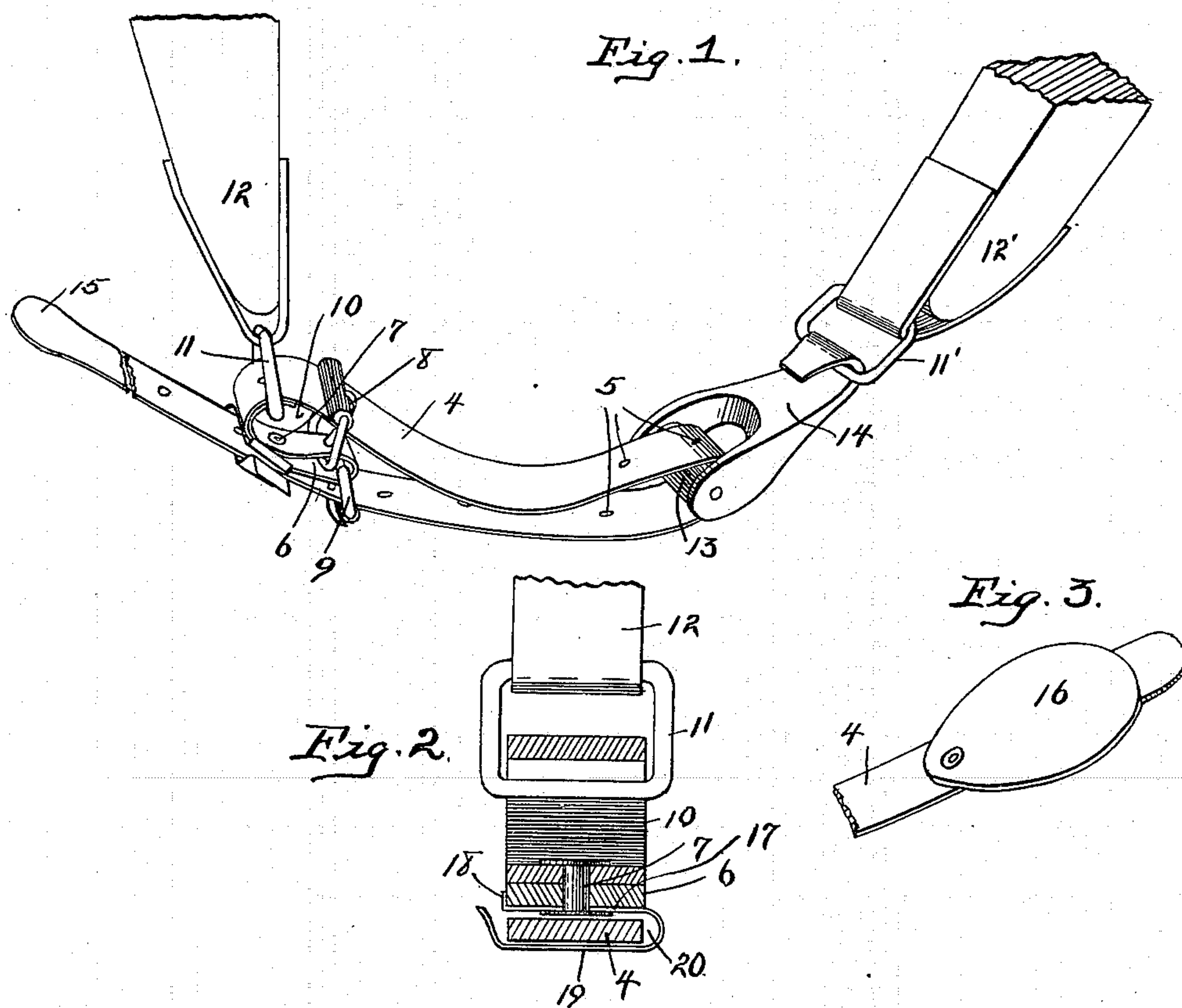
No. 615,342.

T. E. BROCKMAN.  
HAME STRAP.

(Application filed Apr. 8, 1898.)

Patented Dec. 6, 1898.

(No Model.)



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

TANDY E. BROCKMAN, OF FRANKLIN, INDIANA, ASSIGNOR OF ONE-HALF  
TO JAMES S. ATWOOD, OF EDINBURG, INDIANA.

## HAME-STRAP.

SPECIFICATION forming part of Letters Patent No. 615,342, dated December 6, 1898.

Application filed April 8, 1898. Serial No. 676,845. (No model.)

*To all whom it may concern:*

Be it known that I, TANDY E. BROCKMAN, a citizen of the United States, residing at Franklin, in the county of Johnson and State of Indiana, have invented a new and useful Hame-Strap, of which the following is a specification.

My invention relates to an improvement in hame-straps.

10 The object of my invention is to produce a device of the class named which can be easily and quickly operated.

The accompanying drawings illustrate my invention.

15 Figure 1 is a perspective view of my invention, showing also the lower ends of a pair of ordinary hames. Fig. 2 is a section immediately in front of the keeper or retaining-spring. Fig. 3 is a detail of a modified form of strap end.

20 In the drawings, 4 indicates a strap provided with a series of suitable buckle-holes 5. One end of strap 4 is doubled upon itself to form a loop 6, the doubled end being held in place by a suitable rivet 7. Mounted within the loop 6 are two buckles 8 and 9, the said buckles being of any well-known form. Strap 4 is doubled upon itself and passed through the buckle 8, so as to form a loop 10, in which is received the usual ring 11, carried by the lower end of one hame 12. The strap 4 is then passed around a roller 13, carried by one end of a hook 14, doubled upon itself, and passed through the buckle 9. In order to prevent the strap from being accidentally withdrawn through the buckle 9 and thus allow the hook to drop therefrom, the said strap 4 is broadened at its end, so as to form a tab 15, or a separate tab 16 is secured thereto, the said tab being slightly broader than the opening through the buckle. The said tab may be passed through the buckle, however, by being first doubled upon itself in a plane at right angles to the strap.

45 The hook 14, already described, is adapted to engage the ring 11' of the hame 12'.

50 In order to form a keeper for the free end of the strap 4, I secure to the under side of the loop 6, by means of the rivet 7, a plate 17. Plate 17 is provided at one end with an up-turned portion 18, which lies up along the edge of the strap 4, thus holding the plate squarely across the strap. The free end of the plate 17 is doubled back upon itself across

the strap, so as to form a spring-finger 19, 55 the outer end of which is bent upward and outward, so as to form a space 20, into which the free end of the strap may be inserted by forcing the spring-lip downward.

It will be noticed that in operation a pull 60 upon the free end of the strap 4 will tend to pull the lower ends of the hames together equally, not to pull one hame toward the other, as is the case in the straps now commonly in use. It will also be noticed that by 65 slightly loosening the strap 4 and allowing it to pass back a short distance through the buckle 9 the hook will either fall from or may be easily removed from the ring 11', it being unnecessary to entirely remove the 70 strap from the buckle. It is evident, therefore, that the device may be easily and quickly operated even by a person whose hands are stiff from cold. The strap is intended more especially for use in connection with work- 75 harness, and this feature of ease of operation by persons whose hands are cold and stiff is especially desirable.

I claim as my invention—

1. A hame-strap having a loop 6 formed in 80 one end thereof, two buckles 8 and 9 mounted in said loop, the arrangement being such that the strap may be doubled upon itself and passed through the buckle 8 to form a loop 10, and may be a second time doubled 85 upon itself and passed through the buckle 9 to form a loop, a roller 13 mounted in said loop, and a hook carried by said roller, all substantially as and for the purpose set forth.

2. A hame-strap having a loop 6 formed in 90 one end thereof, two buckles 8 and 9 mounted in said loop, the arrangement being such that the strap may be doubled upon itself and passed through the buckle 8 to form a loop 10, and may be again doubled upon itself 95 and passed through the buckle 9 to form a second loop, a hook mounted in said second loop, and a spring-clip 17 secured in position to receive the free end of the strap, the said clip having a finger 19 the free end of which 100 is bent down to partially close the entrance to the clip, substantially as and for the purpose set forth.

TANDY E. BROCKMAN.

Witnesses:

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