

(Model.)

G. P. COLE.
HORSE COLLAR.

No. 256,977.

Patented Apr. 25, 1882.

Fig. 1.

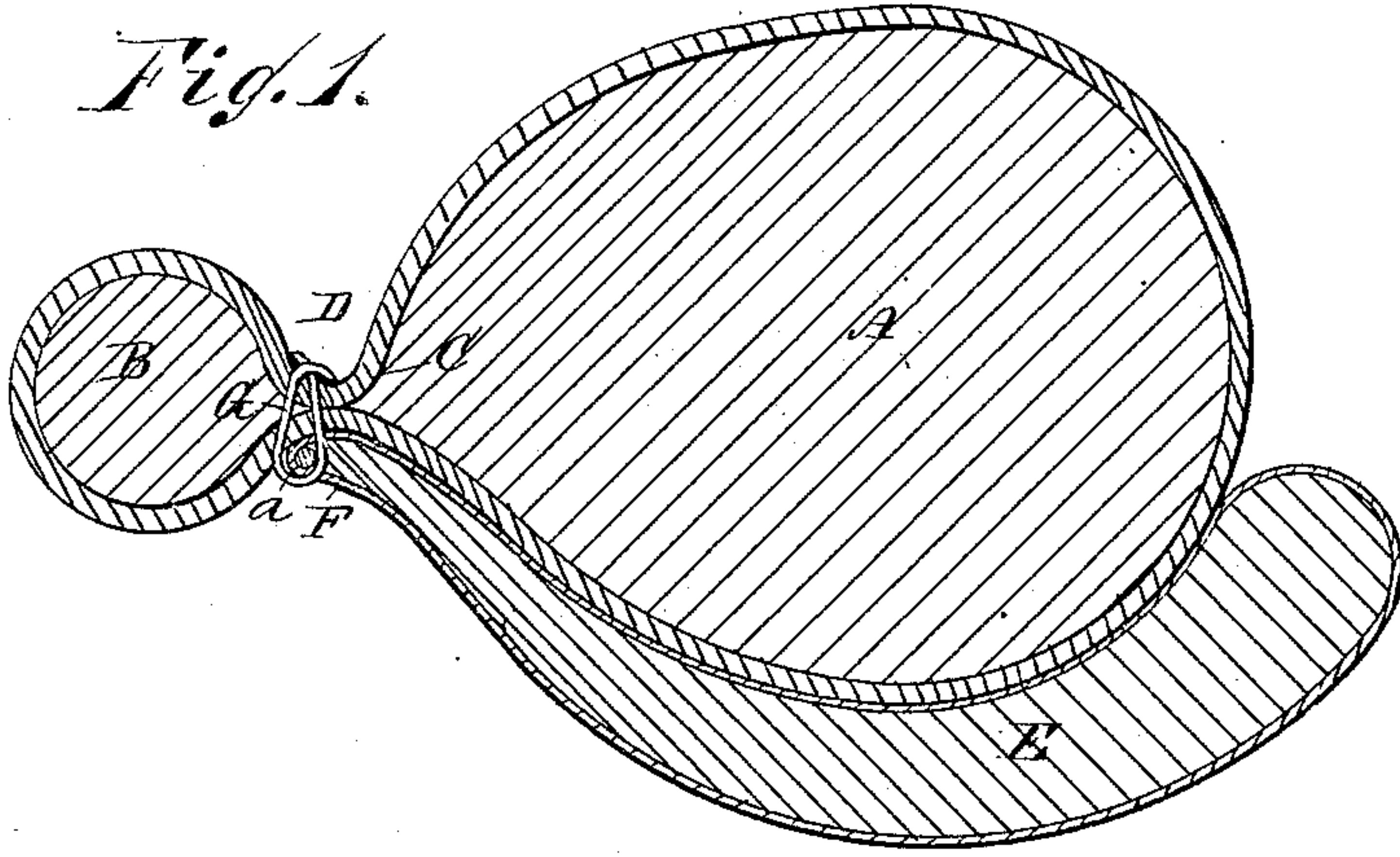


Fig. 2.

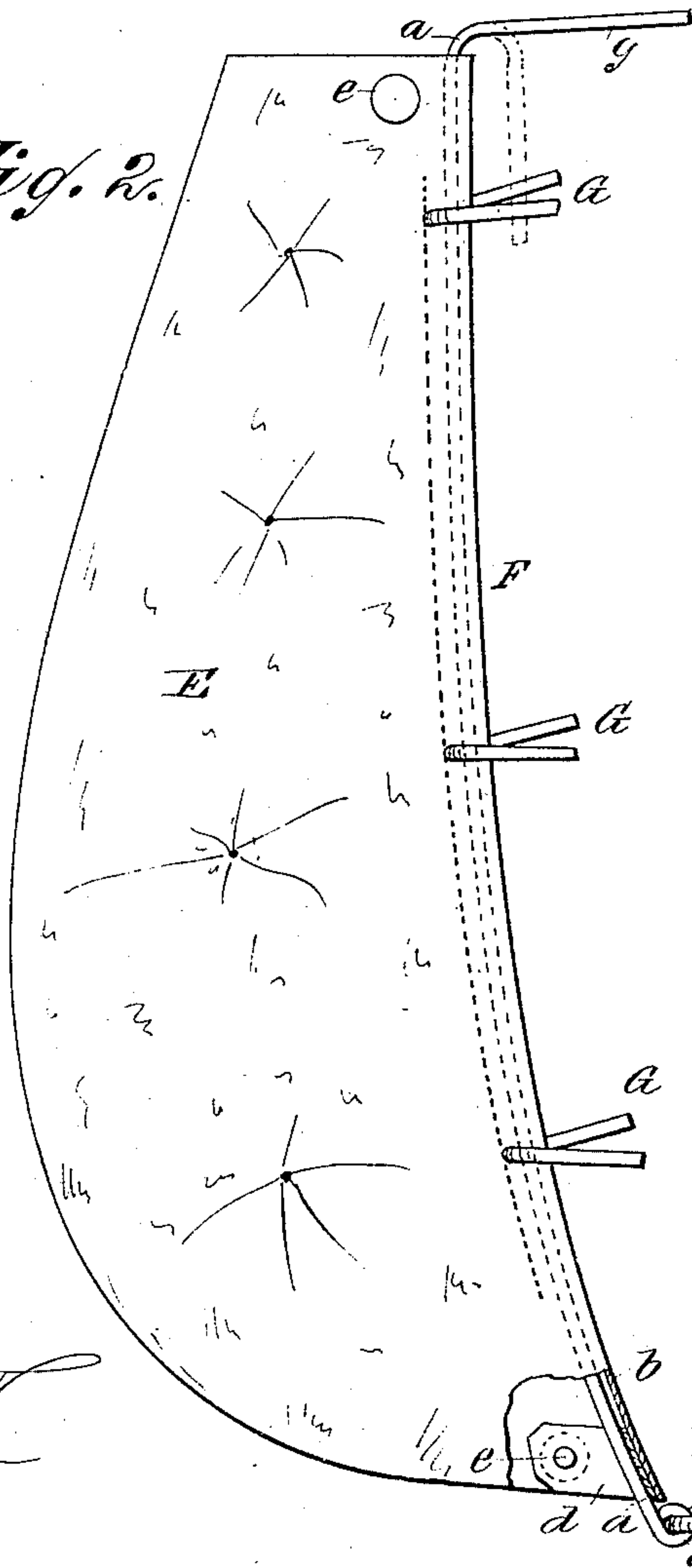
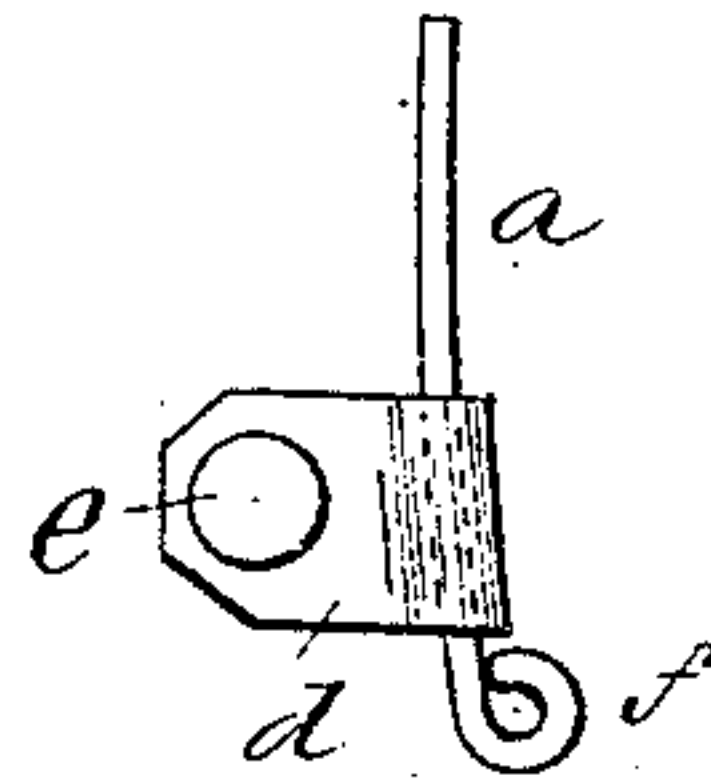


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE P. COLE, OF JOHNSTOWN, NEW YORK, ASSIGNOR OF ONE-FOURTH
TO POTTER HADDEN, OF SAME PLACE.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 256,977, dated April 25, 1882.

Application filed March 9, 1882. (Model.)

To all whom it may concern:

Be it known that I, GEORGE P. COLE, of Johnstown, Fulton county, New York, have invented a new and useful Improvement in Horse-Collars, of which the following is a full, clear, and exact description.

The invention consists of an improved method of attaching sweat-pads to horse-collars, the object of which is to secure them more substantially and permanently than can be done by the common method of sewing them on, all as hereinafter more fully described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a transverse section of one side or member of a collar and a sweat-pad attached according to my improved method. Fig. 2 is a side elevation of a sweat-pad with a part cut away, illustrating the contrivance by which I connect the pad to the collar; and Fig. 3 is a detail of some of the attaching devices.

A represents the collar proper; B, the rim thereof, beyond the crease or groove D, for the hames; C, the thin web between said rim and collar, to which the pad E is commonly attached by sewing the thin edge F of said pad thereto; but it is a very unsatisfactory method of connection, very soon destroyed by tearing out, the thread soon rotting by the heat and sweat of the animal. I therefore propose to "cord" the edge of the pad with wire *a*, and secure said wire at each end against tearing through the web *b*, by which it is bound by metal clips *d*, placed inside of the web of the case of the pad and secured by rivets *e*. Then I apply the wire staples G, as shown, along the pad at suitable intervals, from end to end, by inserting them

back of the wire, which staples I pass through the thin web C of the collar, and clinch their ends, as shown in Fig. 1, to attach the pad, and thus secure it very firmly. At the lower end of the pad I also make an eye, *f*, in the wire *a*, which extends out of the end of the pad, and connect that to the collar by a staple also. The upper end of the wire projects, as at *g*, to be itself passed through the collar and clinched, thus making a very substantial connection; also one that may be quite as readily made as the old one.

To prevent the staples from escaping before attaching the pad, they are pinched together after being inserted sufficiently to retain them while the pad is unattached.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The sweat-pad corded with wire *a*, and provided with wire staples G, as means for attaching the pad to the collar, substantially as specified.

2. The combination, with the sweat-pad and collar, of the wire *a*, bound in the edge of the sweat-pad, and having an eye-extension, *f*, at the lower end, and a point-extension, *g*, at the upper end, for connection with said collar, substantially as specified.

3. The combination of wire *a*, clips *d*, rivets *e*, pad E, staples G, and collar A B C, substantially as specified.

4. The sweat-pad constructed with the wire at its edge end for attachment to the collar, substantially as specified.

GEORGE P. COLE.

Witnesses:

PHILIP KECK,

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