

(No Model.)

W. WILLIAMS.
SWEAT PAD FASTENER.

No. 417,893.

Patented Dec. 24, 1889.

Fig. 1.

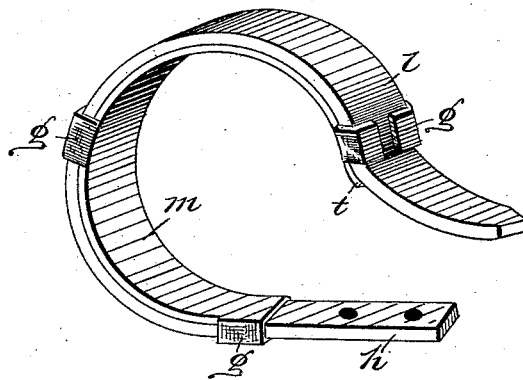
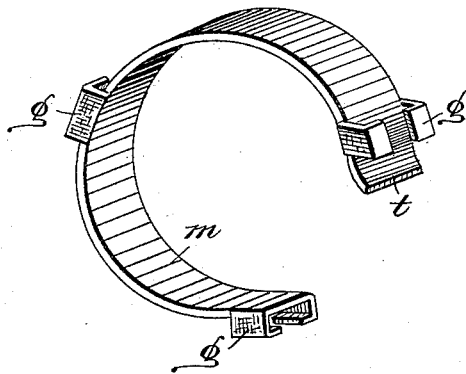


Fig. 2.



WITNESSES.

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WILLIAM WILLIAMS, OF INDIANAPOLIS, INDIANA.

SWEAT-PAD FASTENER.

SPECIFICATION forming part of Letters Patent No. 417,893, dated December 24, 1889.

Application filed March 22, 1889. Serial No. 304,343. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WILLIAMS, of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Sweat-Pad Fasteners; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

My invention relates to the construction of fasteners for collar-pads, and is an improvement on the device shown in Letters Patent No. 367,423, issued to John C. Mendenhall, August 2, 1887, and will be understood from the following description.

In the drawings, Figure 1 is a perspective view of my improved device, showing the metal spring and the leather hinge-strap in proper relative position. Fig. 2 is a similar view of the spring and its guides.

The device itself is composed of a metal spring *m*, which is made in the form shown, and is intended to loop over the fore roll of the harness-collar. This spring, instead of being placed upon the outside, is placed upon the inside and forms a lining for the leather hinge-strap *l*, and in order to secure the two in proper place and yet allow the leather to stretch without affecting its proper relation to the metal spring I do not rivet the leather to the metal, as shown in Mendenhall's patent, but I form guide-loops *g* integral with the metal spring and pass the strap through these, as shown in Fig. 1. The forward end of the spring is extended a short distance beyond the outermost guide, and forms a sort of tongue *t*, which makes a backing for the strap

at that point, and is made long enough to support the strap at the turn, this end of the strap forming a rest for the hame when placed in position on the collar. The opposite end of the strap extends some distance beyond the rear guide, and has holes through which rivets are passed, and by means of this the fastener is secured to the body of the pad, and this extension of the leather strap forms a flexible hinge at the point between the rivets and the metal spring. By this construction it will readily be seen that, no matter how much the leather may stretch, it will always conform readily to the curve of the spring, and the top plates of the guides, which are preferably formed with an opening between, as shown, may be clamped down by an ordinary pair of pliers or by a hammer, so as to bind the strap whenever it is desired; and, if it is necessary to move the leather along, these may be pried up without any difficulty and any desired adjustment of the strap upon the spring may be made with little trouble.

What I claim as my invention, and desire to secure by Letters Patent, is the following:

A fastener for collar-pads, comprising a metal spring *m*, having guide-loops *g*, a hinge-strap *l*, for connecting the support to the pad, its forward end extended to form a seat for the hame, its rear end forming a hinge when fastened to the pad, substantially as shown and described.

In witness whereof I have hereunto set my hand this 18th day of March, 1889.

WILLIAM WILLIAMS.

Witnesses:

C. P. JACOBS,
E. B. GRIFFITH.