

(No Model.)

T. S. VERY
HARNESS STRAP ATTACHMENT.

No. 304,979.

Patented Sept. 9, 1884.

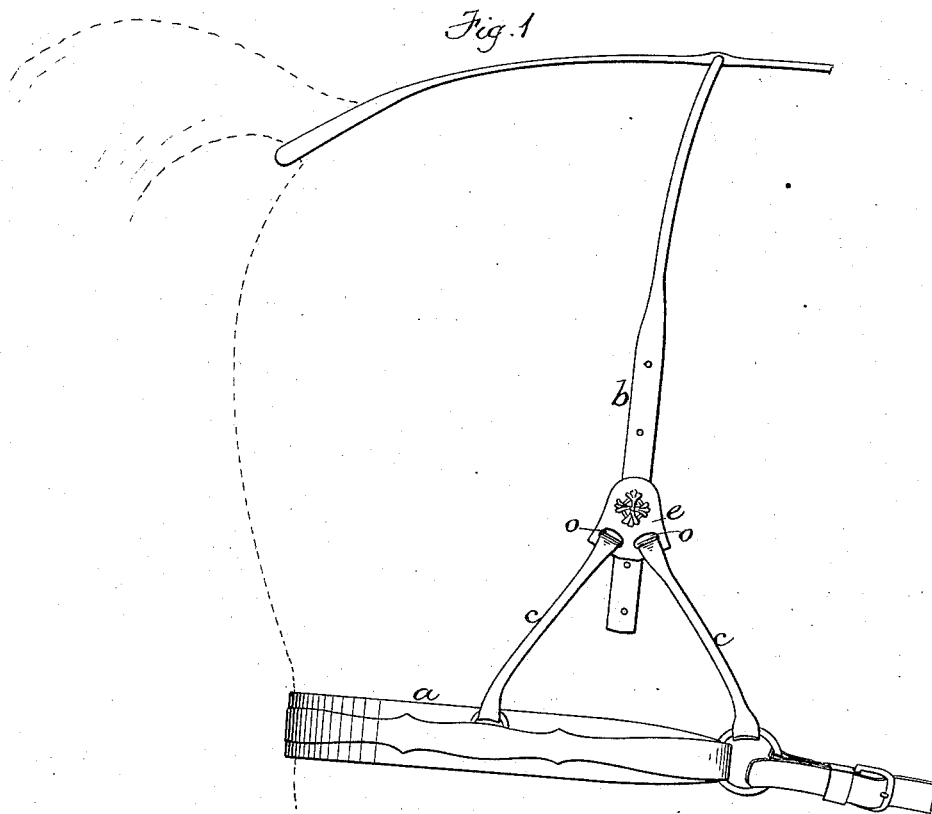


Fig. 2.

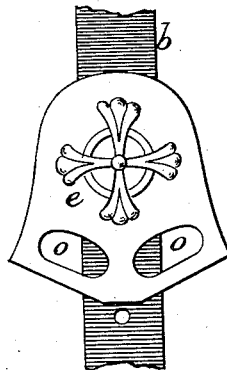


Fig. 3.

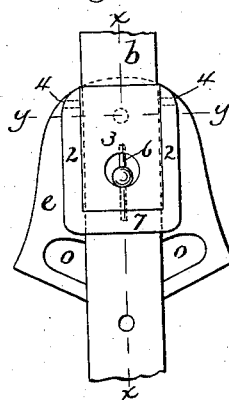
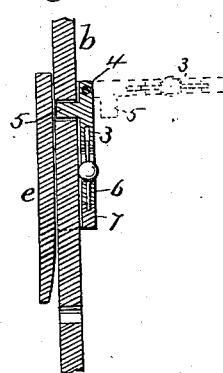


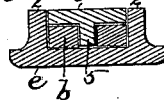
Fig. 4.



Witnesses.

H. Brown.
A. L. White.

Fig. 5.



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HARNESS-STRAP ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 304,979, dated September 9, 1884.

Application filed March 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, THEODORE S. VERY, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Harness-Strap Attachments, of which the following is a specification.

This invention consists in an improved device for connecting the short diagonal straps which are secured to the breeching of a harness with the hip-strap which supports the breeching; and it has for its object to provide a neat and convenient device adapted to be easily applied and removed, and obviating certain objections to the common means for connecting said parts, as I will now proceed to describe.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a side view of a portion of a harness provided with my improvement. Figs. 2 and 3 represent a front and a rear view of the connecting device. Fig. 4 represents a section on line *x x*, Fig. 3. Fig. 5 represents a section on line *y y*, Fig. 3.

The same letters of reference indicate the same parts in all the figures.

In the drawings, *a* represents the breeching of a harness. *b* represents the hip-strap, which supports the breeching, and *c c* represent the short straps which connect the breeching with the hip-strap. *e* represents a plate provided at its back with means for attachment to the hip-strap *b*, and provided in its lower portion with eyes *o o*, adapted to receive the upper ends of the straps *c c*, the entire plate, including the portion having the eyes *o o*, being outside of that portion of the hip-strap which is attached to and projects below the plate *e*, so that the straps *c c* virtually form continuations of the plate *e*, extending downwardly outside of the hip-strap, and keeping the reins away from the lower end of the hip-strap, so that they cannot be caught under the ends of the hip-strap when they are allowed to hang loosely.

The means for securing the plate *e* to the strap *b* may be variously modified without departing from the spirit of my invention. In the present instance I have shown the plate as provided at its back with guides or flanges 2 2, between which the strap passes, and with a plate, 3, pivoted at 4 4 to said flanges, and provided with a stud, 5, adapted to enter one of the orifices in the hip-strap when the plate

3 is turned to a position parallel with the plate *e*, as shown in full lines in Fig. 4. The plate 3 is provided with a catch, 6, of any suitable construction (here shown as a sliding pin) adapted to lock the plate 3 to a cross-bar, 7, between the flanges 2 2. It will be observed that the strap is thus secured to the plate *e*, and may be readily released by drawing out the pin or catch 6 and turning the plate 3 outwardly, as shown in dotted lines in Fig. 4, thus withdrawing the stud 5 from the hip-strap.

It is obvious that the stud 5 may be formed on the plate *e*, in which case the office of the plate 3 would be simply to hold the hip-strap upon the stud. Various other changes of detail may be accomplished without altering the essential features of my invention. The lower portion of the plate *e* has two eyes or orifices, *o o*, which receive the upper ends of the straps *c c*, as shown in Fig. 1, the straps being in this instance formed with loops at their upper ends passed through the eyes *o o*.

It will be seen that the described device is neat, and may be made as ornamental as may be desired.

I prefer to make the plate of metal, and give it a polished outer surface, thereby giving it a very ornamental effect.

This device may be adapted to other parts of harnesses, if desired.

I claim—

1. The improved harness-strap attachment or connecting device, composed of a plate, *e*, having eyes *o o*, to receive the straps *c c*, and provided at its rear side with means, substantially as described, whereby it may be secured to the front or outer side of a strap, *b*, the plate and its eyes *o o* being outside of the strap *b*, whereby said strap is prevented from projecting at its lower end outside of the plate *e* and straps *c c*, as set forth.

2. The plate *e*, having strap-receiving eyes *o o* at its lower end, and at its rear side the strap-holding socket, and the pivoted plate 3, having a stud, 5, adapted to engage with the strap in said socket, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 19th day of March, 1884.

Witnesses: THEODORE S. VERY.

C. F. BROWN,
A. L. WHITE.