

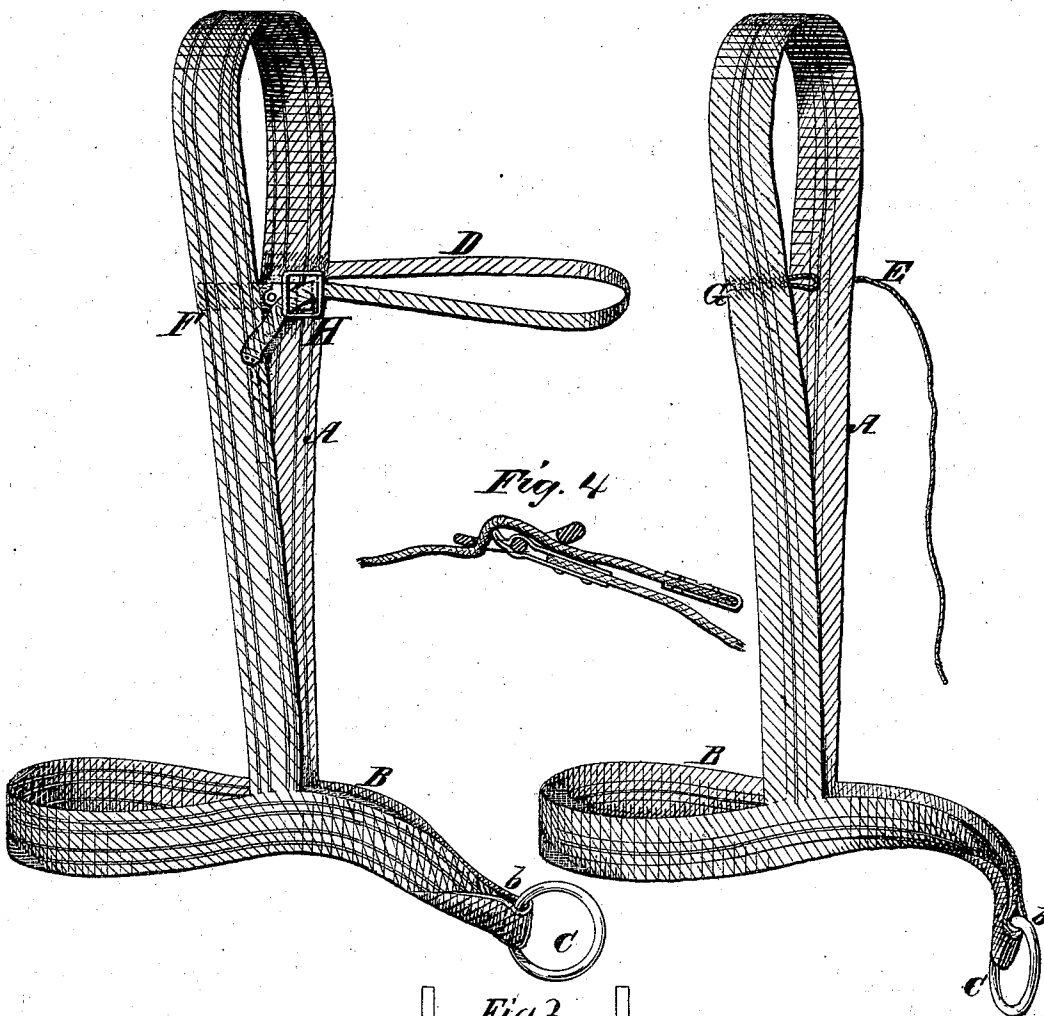
N. SCHMIT.
Halters.

No. 149,610.

Patented April 14, 1874.

Fig 1.

Fig 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

NICHOLAS SCHMIT, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN HALTERS.

Specification forming part of Letters Patent No. **149,610**, dated April 14, 1874; application filed February 9, 1874.

To all whom it may concern:

Be it known that I, NICHOLAS SCHMIT, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Halters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings making part of this specification, in which—

Figures 1 and 2 represent perspective views of my improved halter with different modes of fastening. Fig. 3 represents two diagrams, one of the old construction and one of my improved plan. Fig. 4 is a detail section of the straps and buckle.

My invention relates to improvements in the construction of halters for horses and other animals, whereby they are made more durable, of a more convenient form for the animals, and for manipulation in placing them upon their heads. Another feature of my improvement relates to the adoption of a stout woven fabric, such as webbing, in the construction of the halters, instead of rope, leather strap, or a combination of both, which serves to give less annoyance to the animal, by being softer to the skin, and which is not liable to get hardened and brittle from the influences of weather.

The nature of my invention consists in constructing a halter of coarse and very strong woven material known as webbing, and having the fabric of the lower part to form one continuous band, to which the upper part is joined by crossing the threads and interweaving, the same means serving for the attachment of the throat-strings or throat-straps. By this construction the halter is strongest where the greatest strain has to be sustained, viz., in the direction of the main or lower part of it, while the upper part, which seldom has to do more than to support the weight of the lower part, is sufficiently strong to meet all emergencies.

A in the drawings represents the upper or head-strap, the chain-threads of which are continued across the lower or nose-strap B and interwoven into the chain-threads of the same, leaving about equal lengths of it

at either side. The back end *b* of the nose-strap is strengthened by laterally doubling up the webbing, and at this point the metal ring C is sewed into the fabric for the purpose of passing a rope or chain through it. At a suitable height a throat-strap, D, or a cord, E, is attached to the head-strap by interweaving in the same way as is done between the straps A and B. This strap is fastened by means of a buckle, H, to strap F, which is woven into the strap A, as above described; or the cord, if used, is tied into an interwoven loop, G. The strain of the halter is received by the ring C and resisted at the opposite end of the nose-strap B, the arrangement and manner of attachment of which, as represented by Figs. 1 and 2, affords the greatest amount of resistance the fabric is capable of offering, while the old construction makes the nose-strap B liable to part from the head-strap A.

Fig. 3 illustrates in two diagrams the old and my own construction, X being the old head-strap, and *x* thereto attached the nose-strap; and Y being my improved head-strap with the attached nose-strap *y* attached thereto.

The webbing from which the halters are constructed may be woven out of any fibrous material adapted for the purpose, but I prefer to use either linen, cotton, or wool in variegated colors.

Having described my invention, I claim—

1. The halter of webbing with cheek-pieces and nose-band laid upon one another, as shown, and woven as one piece, the threads of the respective parts being in the direction of the strain which comes upon them, as set forth.

2. The halter with cheek-pieces and nose-band, as described, having the throat-latch laid upon the cheek-pieces and woven with the same as one piece, the threads of the throat-latch being laid across the threads of the cheek-pieces, as and for the purpose set forth.

NICHOLAS SCHMIT.

Witnesses:

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