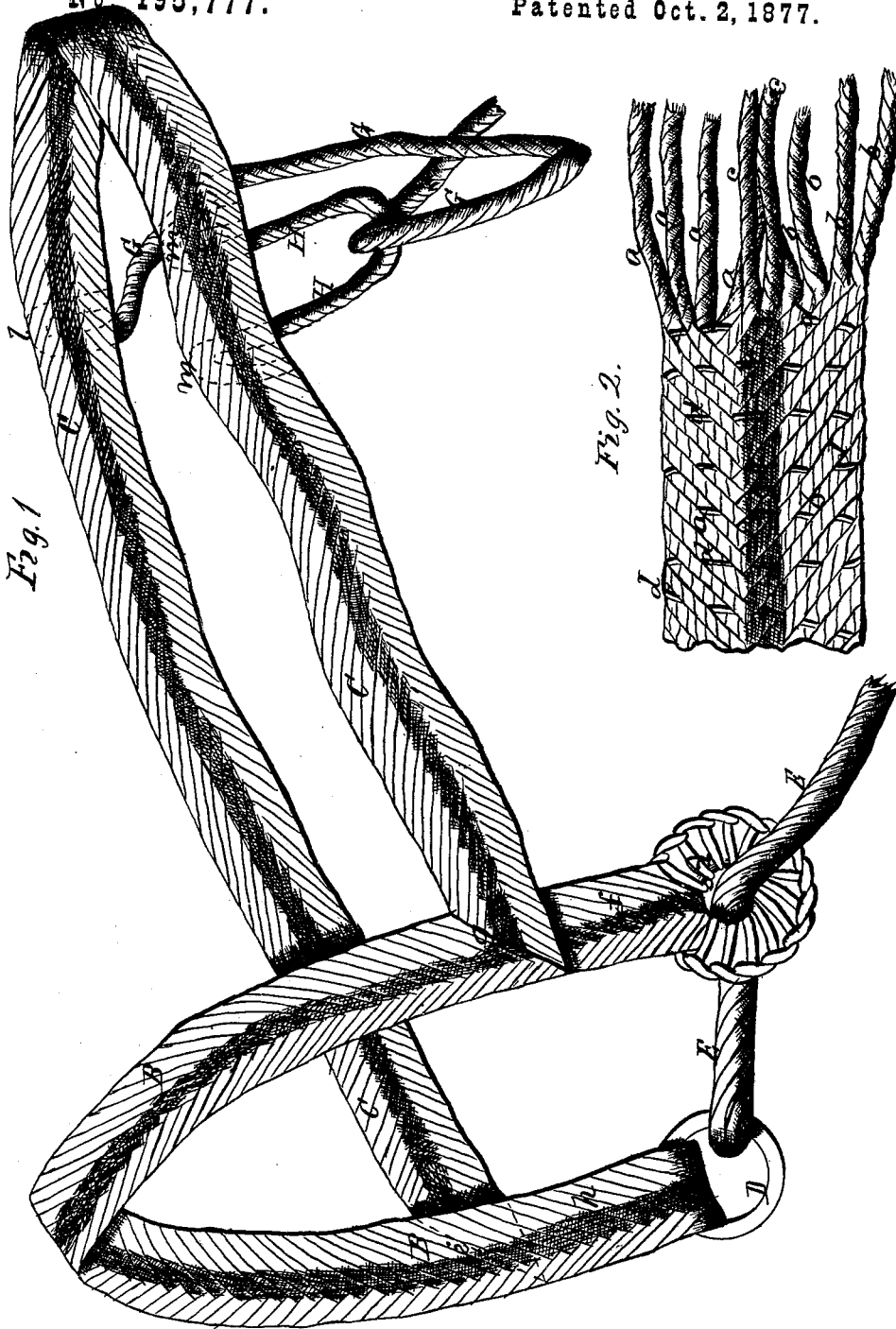


C. STONE.
HALTERS.

No. 195,777.

Patented Oct. 2, 1877.



WITNESSES
Edw. Gallagher.
John L. Coudron

INVENTOR,
Charles Stone,
By *J. A. Brown,*
his ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES STONE, OF COLUMBUS, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO JAMES W. MEEK, OF SAME PLACE.

IMPROVEMENT IN HALTERS.

Specification forming part of Letters Patent No. **195,777**, dated October 2, 1877; application filed
April 30, 1877.

To all whom it may concern:

Be it known that I, CHARLES STONE, of Columbus, in the county of Franklin and State of Ohio, have invented an Improved Halter; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a side view of the halter; Fig. 2, a view, on an enlarged scale, of a portion of the woven or braided web, showing its mode of formation.

Like letters designate corresponding parts in both figures.

My improved halter is composed of hemp, or other fibrous material, the strands of which are woven or braided into a flat web, in a peculiar manner, as most clearly indicated in Fig. 2. The strands *a a*, composing the warp, at one side, are formed by fibers or threads twisted in one direction, while the strands *b b*, at the other side of the web, have their fibers or threads twisted in the other direction.

The advantages of this construction are, that the tendency of the web to twist, especially when wet, is obviated, and the web remains straight, and is rendered more soft and pliable.

I generally employ two or three middle strands, *c c*, of a different color; and these may be twisted one way, or part one way and part the other way.

The web is woven continuously, the web-strands, when woven, being held together by a filling-strand, *d*, as indicated in Fig. 2. At one part the warp-strands are parted in the middle of the web to form a loop or eye, A, Fig. 1, the filling or middle warp strand being looped or knotted around the warp-strands, similar to a button-hole stitch, as shown, to make the ring of the eye compact.

The web, after it is woven, is doubled upon itself for a short distance from the eye, as shown at *f*, and then the parts are separated diagonally, as at *g*, one part, B, forming the nose-band, and the other part, C, forming the headstall. At the other extremity of the nose-band and headstall the two parts are again

doubled around a ring, D, and upon themselves at *h*, for a short distance, and, finally, are separated diagonally at *i*, as at the other side of the halter. Thus evenness and symmetry are given to both sides of the halter.

The tie E is doubled into the ring D, which is on the off side of the halter, and the parts of the tie are twisted together around it, as shown. The tie then passes through the eye or loop A, which is on the near side of the halter, so that a draw-halter is formed, thus always holding the nose-band close when one is leading the animal.

The fastened end *l* of the throat-latch G on one side, and the ends *m m* of the throat-latch loop H on the other side, of the halter are woven into the web thereof, as indicated by dotted lines in Fig. 1. The attachments are thus made secure, without projections or knots, and of neat appearance.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A flat, woven, or braided halter, the strands *a a* of which, composing the warp of one side, are formed by fibers or threads twisted together in one direction, and the strands *b b*, composing the warp at the other side of the web, are formed by fibers or threads twisted together in the other direction, substantially as and for the purpose herein specified.

2. A continuous, flat-web halter, having a tie-eye, A, formed of the warp-strands and the filling-strand looped and knotted together, substantially as and for the purpose herein specified.

3. A continuous, flat-web halter, having the nose-band and headstall parts of its web doubled together near the tie ring and eye, substantially as and for the purpose herein specified.

Specification signed by me this 9th day of April, 1877.

CHARLES STONE.

Witnesses:

J. P. REMMY,
M. V. B. LITTLE.