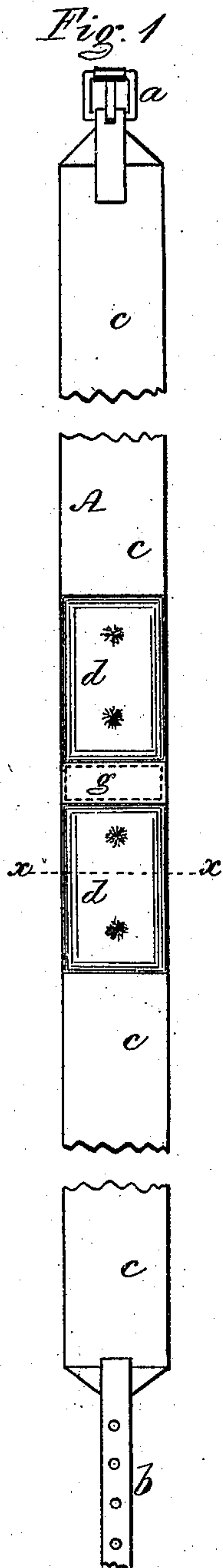


L. C. CHASE.
SURCINGLES.

No. 174,478.

Patented March 7, 1876.



Witnesses,
W. J. Cambridge
Chas. E. Griffin.

Inventor,
Lucius C. Chase
per Trenchard & Stearns
Attys.

UNITED STATES PATENT OFFICE.

LUCIUS C. CHASE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SURCINGLES.

Specification forming part of Letters Patent No. 174,478, dated March 7, 1876; application filed May 11, 1875.

To all whom it may concern:

Be it known that I, LUCIUS C. CHASE, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Surcingle, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a plan of my improved surcingle. Fig. 2 is a longitudinal section through the center of the same. Fig. 3 is a transverse section on the line *xx* of Fig. 1.

My invention consists in a surcingle made from a web woven of double thickness, at one or more portions of its length, to receive padding or stuffing, the remaining portions being solid or of single thickness, which construction greatly facilitates the application of the padding, and at the same time increases the durability of the surcingle and reduces its cost.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents a surcingle, formed of a woven web of suitable width, length, thickness, and material, to one end of which is secured the buckle, *a*, and to the opposite end the strap *b*. The portions *c* of the web (which may be of any desired length) are woven of single thickness, while the portion *d*, at one side of the center, is woven double, or of tubular form, (the loom being adapted for the purpose,) so as to leave a pocket or space for the reception of the padding or stuffing *e*, of tow, wool, hair, or other suitable material, which is introduced through an opening, *f*, and so disposed as to form two separate pads, which, when the surcingle is applied to a horse, fit one on each side of the backbone.

The stuffing of one pad is kept separate from that of the other by a strip, *g*, of leather or other suitable material, secured by rows of stitching, or by stitching alone; but, if desired, the web may be woven with two separate tubular portions or pockets, the dividing-space between them being woven of single thickness, like the portions *c*, in which case, instead of introducing the stuffing of both pads through a single opening, *f*, (common to both,) each pocket would be provided with a separate and independent opening, to be afterward closed up by sewing or otherwise.

The opening or openings through which the stuffing material is introduced may be formed by a knife or other instrument, or may be formed, like button-holes, in the operation of weaving, either on the flat surface of the web or along its edge, at any suitable point or points, so as to communicate with the pocket or pockets.

By weaving a surcingle with a pocket or pockets, as above described, the operation of padding is greatly facilitated, while the cost of the article is reduced and its durability greatly increased.

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

A woven surcingle, having portions thereof of single thickness, and one or more portions of double thickness, to receive padding or stuffing, substantially as described.

Witness my hand this 6th day of May, A. D. 1875.

LUCIUS C. CHASE.

In presence of—

P. E. TESCHEMACHER,
W. J. CAMBRIDGE.