

(No Model.)

G. D. STULKEN & A. J. CLUTE, Jr.
HAME TUG CLIP.

No. 473,978.

Patented May 3, 1892.

Fig. 1.

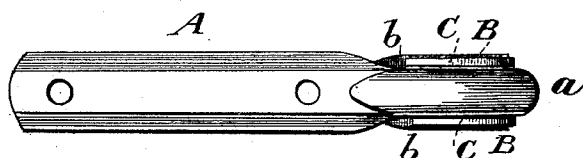


Fig. 2.

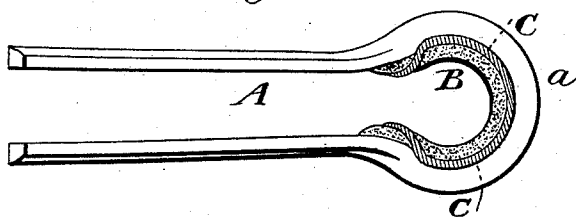
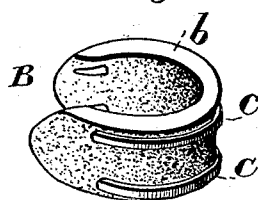


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE D. STULKEN AND ANDREW J. CLUTE, JR., OF MCCOOK, NEBRASKA.

HAME-TUG CLIP.

SPECIFICATION forming part of Letters Patent No. 473,978, dated May 3, 1892.

Application filed December 3, 1891. Serial No. 413,936. (No model.)

To all whom it may concern:

Be it known that we, GEORGE D. STULKEN and ANDREW J. CLUTE, Jr., citizens of the United States, residing at McCook, in the county of Red Willow and State of Nebraska, have invented certain new and useful Improvements in Hame-Tug Clips; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates generally to the means by which the wearing-piece or leather is secured in the end of the bearing or curve of a hame-tug clip.

The special object of this invention is to dispense with a spring, which is found to wear and break from heavy pulling and constant use, and to substitute a device which will not come between the clip and the leather, which is intended to take the wear, but will come on each side of the clip, so as to effectually prevent said leather from lateral displacement.

In the Patent No. 449,714, granted to G. D. Stulken April 7, 1891, is described a plate-spring which works conveniently so far as putting in, taking out, and holding the wearing leather in the clip; but in practice we find that the wear and strain incident to its location cause it to break after some use. Hence we desire to remedy this objection.

Figure 1 of the drawings is a side elevation; Fig. 2, transverse vertical section, and Fig. 3 a detail view of the wearing-piece provided with our wire attachment.

In the drawings, A represents an ordinary hame-tug clip with the curved metal bearing *a*, in which is placed a wearing-piece B, which is usually made of leather, but may be formed of any suitable substance. The purpose is to

hold this bearing-piece B firmly in its place and not permit any lateral displacement, while the fastening which does this must not be liable to fracture or much wear. With this view we have experimented with a number of devices and at last found that a spring-wire C, arranged on or near each edge *b b* of the leather B, so as, when the piece B is in the clip, to project up on each side of said clip will answer the purpose admirably. Any lateral displacement of the leather B is impossible, while draft-strain on the wires is entirely avoided.

We preferably use two separate wires, whose ends are passed through the leather and then bent flat on the inside. Of course we might use one wire with two prongs, or two ribbon-springs, without departing from the principle of our invention; but we prefer two separate wires, with sufficient spring to allow the leather B to be easily put in or taken out, also to hold the leather up to the inside of the clip-bearing.

Having thus described all that is necessary to a full understanding of our invention, what we claim as new, and desire to protect by Letters Patent, is—

The combination, with a hame-tug clip and its wearing-piece B, of the wires C C, fastened on the opposite edges of the leather B and projecting up on each side of the clip, as shown and described.

In testimony whereof we have hereunto affixed our signatures in presence of two witnesses.

GEORGE D. STULKEN.
ANDREW J. CLUTE, JR.

Witnesses:

THOMAS GLASSCOTT,
FRANK H. SPEARMAN: