

(No Model.)

B. K. EMERSON.

HORSE COLLAR.

No. 282,450.

Patented July 31, 1883.

Fig. 1.

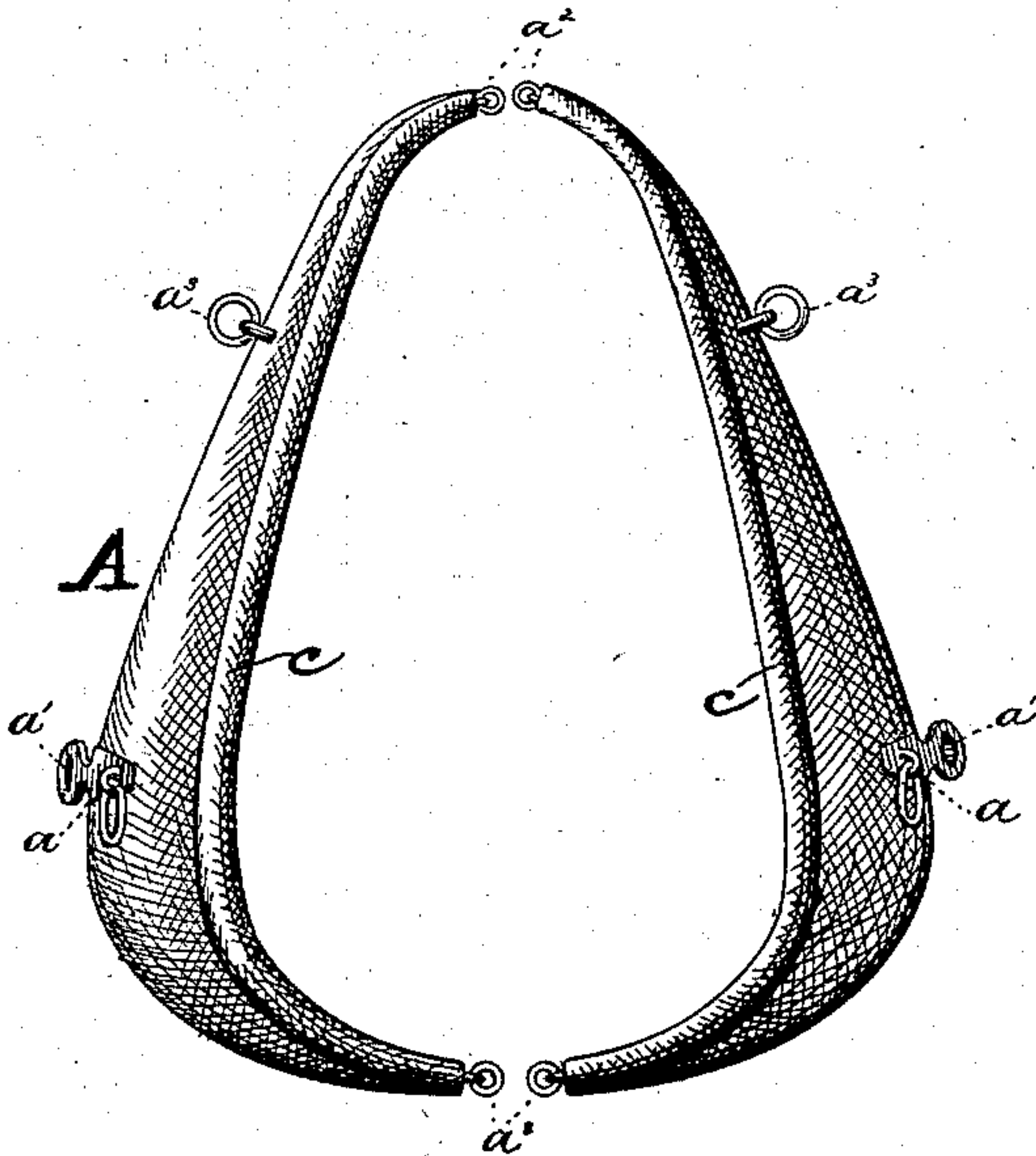
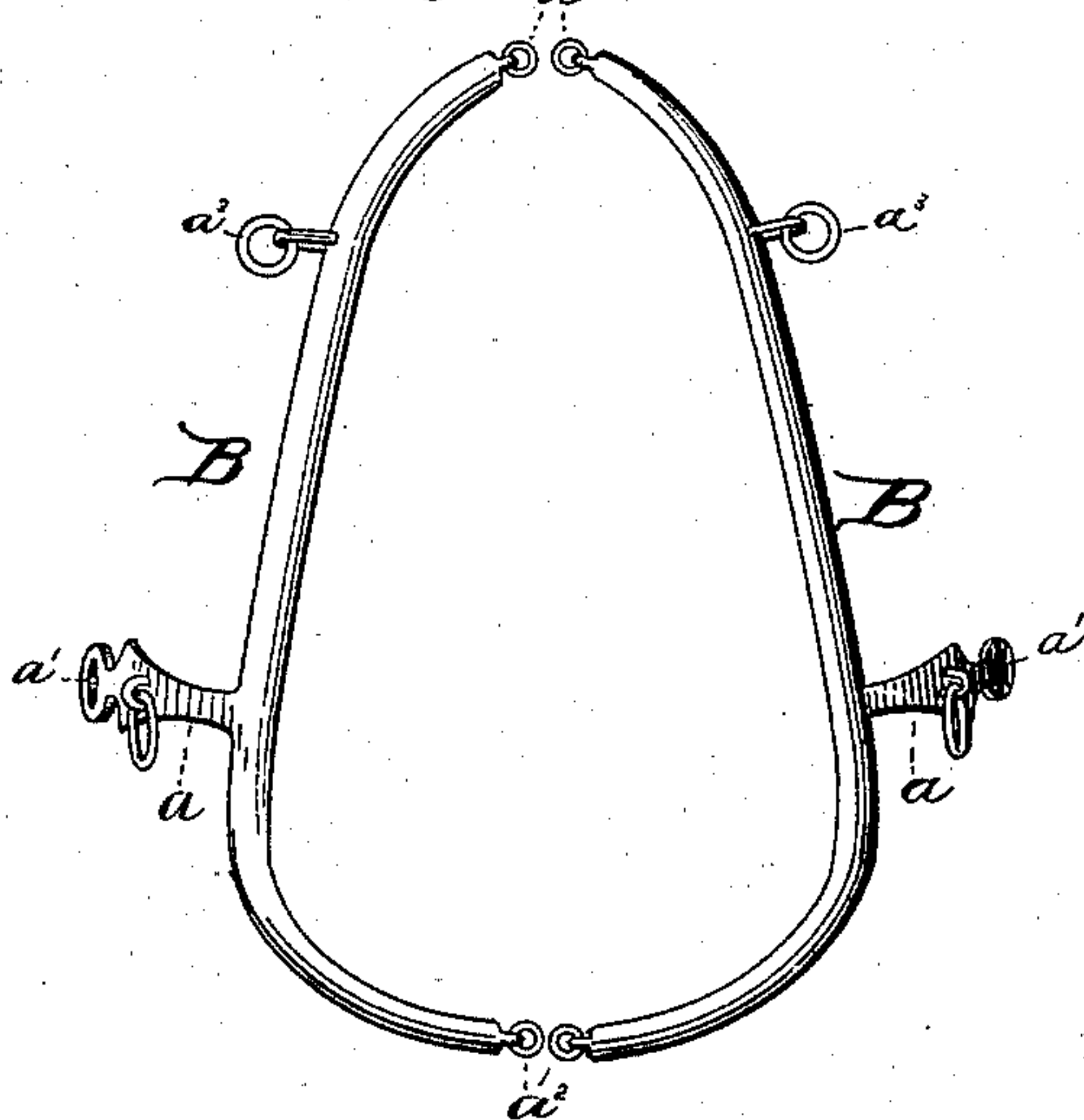


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

BENJAMIN K. EMERSON, OF CLEVELAND, OHIO.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 282,450, dated July 31, 1883.

Application filed December 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN K. EMERSON, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements Paper Horse-Collars; and I 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 pertains to make and use the same.

My invention relates to improvements in horse-collars; and it consists in certain features of construction and combination of parts, hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 is a view in perspective of a horse-collar embodying my invention. Fig. 2 is a view in perspective of a pair of hames such as forms a part of the device shown in Fig. 1.

A represents the collar, which may be made whole or in pieces, as desired.

B represents a pair of hames, made preferably of metal, with suitable attachments—such as a , a' , a^2 , and a^3 —for attaching the traces and other portions of the harness, and for holding the pair of hames together, and for such other purposes as are necessary for attachments to the hames.

The collar is made by pressing papier-maché in a suitable mold, with the hames inside of the papier-maché, except the ends of the said attachments as are necessary to project beyond the collar, as shown in Fig. 1, being in fact a combined collar and hame.

If the said attachments a , a' , a^2 , and a^3 , or any of them, should be broken, these collars may be used as ordinary collars are used, with hames on the outside of them. Therefore I prefer making a corrugation, as at c , on the outside of the collar, suitable for engaging ordinary hames, whether there are or are not hames inclosed in the collar.

I am aware that a horse-collar has been made of paper-pulp, and I lay no claim to such a collar.

What I claim is—

1. A horse-collar of papier-maché, having inclosed therein hames, and the said hames having projecting attachments that project outside of the casing of papier-maché, substantially as described, and for the purpose specified.

2. The combination, with a horse-collar made of papier-maché, of hames inclosed in said collar, substantially as and for the purpose set forth.

3. A horse-collar of papier-maché, inclosing hames, as described, and provided with a corrugation on its outside, whereby detachable hames may be applied thereto, as set forth.

In testimony whereof I sign this specification, in the presence of two witnesses, this 22d day of December, 1882.

BENJAMIN K. EMERSON.

Witnesses:

ALBERT E. LYNCH,
C. H. DORER.