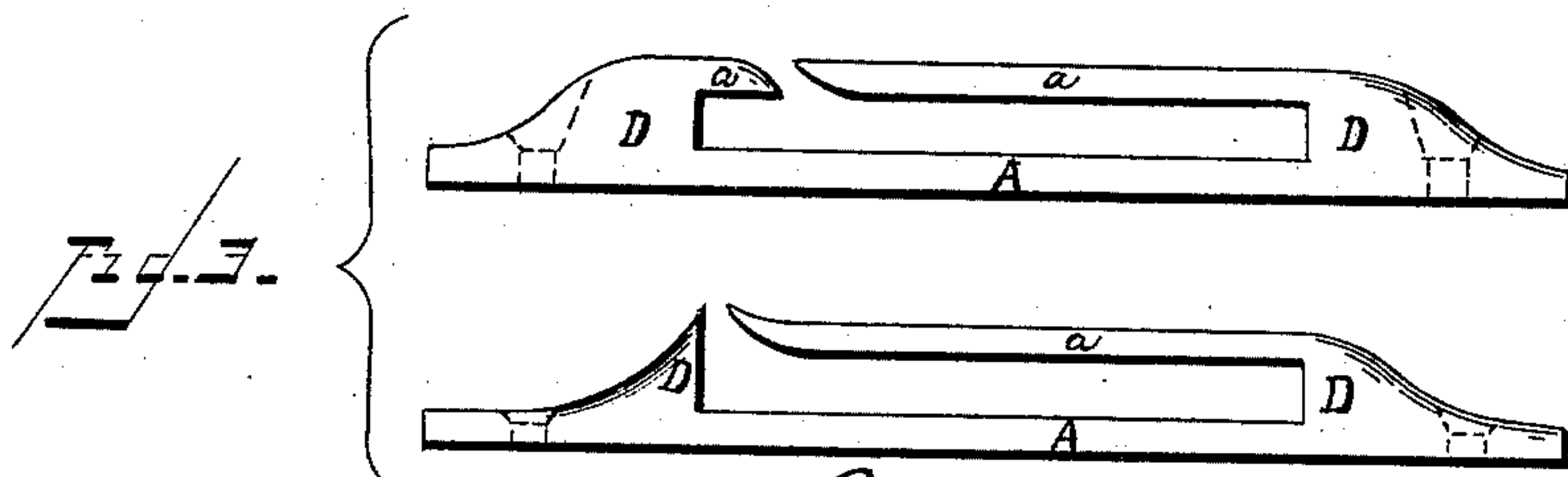
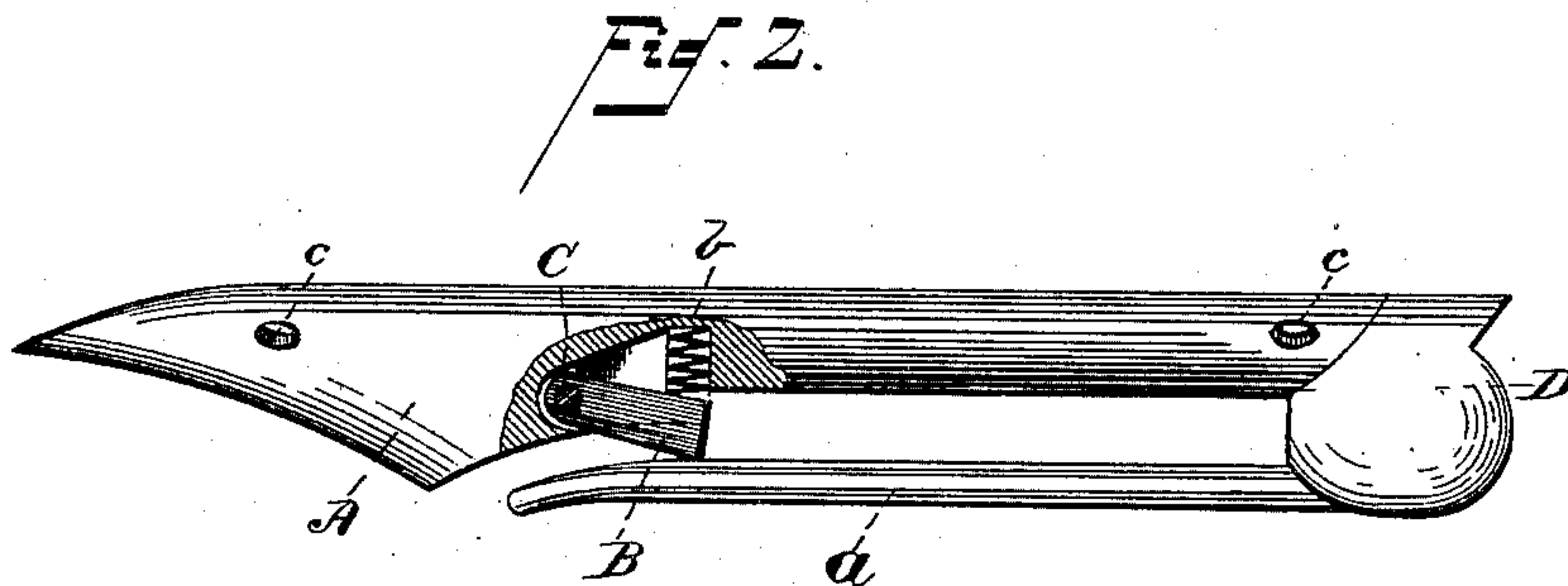
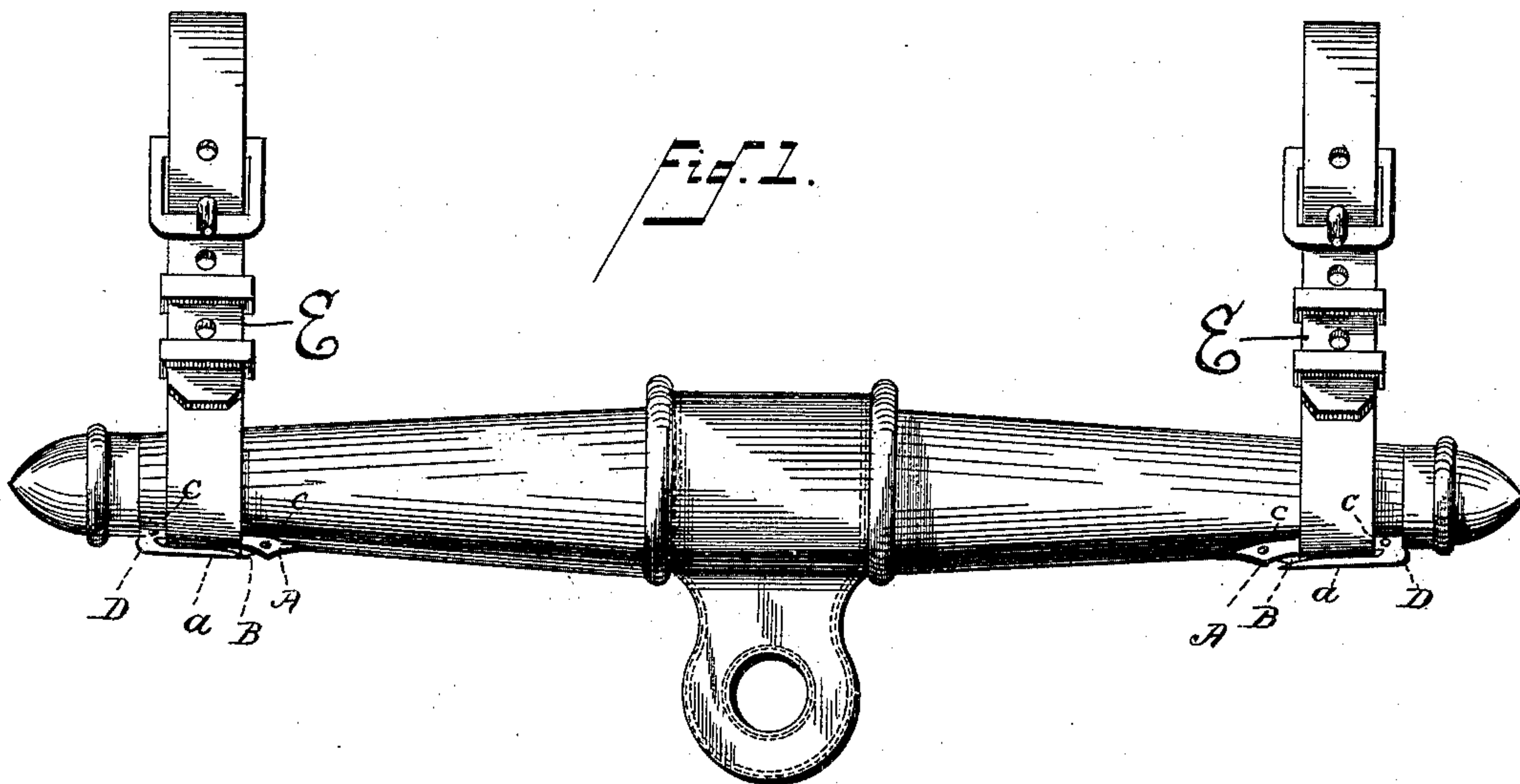


(No Model.)

R. W. McMASTER.
ATTACHMENT FOR NECK YOKES.

No. 409,332.

Patented Aug. 20, 1889.



Witnesses
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UNITED STATES PATENT OFFICE.

RUFUS W. McMASTER, OF NEW SALEM, KANSAS.

ATTACHMENT FOR NECK-YOKES.

SPECIFICATION forming part of Letters Patent No. 409,332, dated August 20, 1889.

Application filed December 8, 1888. Serial No. 292,989. (No model.)

To all whom it may concern.

Be it known that I, RUFUS W. McMASTER, a citizen of the United States, residing at New Salem, in the county of Cowley and State of Kansas, have invented certain new and useful Improvements in Attachments for Neck-Yokes; 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 appertains to make and use the same.

My invention relates to improvements in "neck-yokes" for vehicles, and has for its object the easy adjustment of the "pole-straps" connecting such yoke with the collar.

My invention is described in the following specification, and illustrated in the accompanying drawings, which are to be considered a part of this application, similar letters of reference referring to similar parts in all the views.

Figure 2 shows my invention complete and detached from the yoke. Fig. 1 shows my invention attached to a neck-yoke, and shows how the pole-straps connecting the yoke with the collar are attached. Fig. 3 shows my invention slightly varied in form.

My improvements consist of a plate or piece of iron or other suitable material so shaped as to partly incase or cover the round side of a part of the end of the yoke, the same being attached to the yoke by means of screws placed in the holes indicated by *c*. Such above-described plate forms the body of my invention and is indicated in the drawings by the letter *A*, and has at its outer end and lower side, when attached to the yoke, a projecting arm, such arm being turned toward the middle of the yoke and is connected with the body *A* by a raised part or shoulder *D*, as shown. Such arm (indicated by *a*) is separated from the body *A* one-sixth of an inch (more or less) for the purpose of receiving the connecting-strap *E*. Such connecting-strap *E* is held in position in the space or opening formed by the separation of the arm *a* from the body *A* by the shoulder *D* by means of the stop *B*, operated by the spring *b*, and held in position in the slot provided for its reception (indicated by the dotted lines) by the rivet *C*, as shown.

The variation of my invention as shown in

Fig. 3 is described as follows: The body or plate *A* corresponds to and serves the same purpose as that part indicated by the same letter of reference and shown in Figs. 1 and 2. Such body *A* has an elevation or shoulder *D* near each end and on its lower side when attached to the yoke. The outer one of these shoulders has an arm *a*, which extends inward to within one-half an inch of the inner shoulder *D* and is separated from the body *A* sufficiently to admit of a strap being inserted between them. The inner shoulder *D* is provided with an outward projection, (when attached to the yoke,) which is indicated at *a* and corresponds to *a*, just described, extending until it reaches the latter, save and except a space sufficient to admit the insertion of the strap used to connect the yoke with the collar.

I am aware that patents have been granted for inventions that have the same purpose in view that mine is intended to subserve, and I further claim that after a thorough examination of all such patents (among which I beg leave to cite Elliott, No. 344,092, June 22, 1886; Epler, No. 139,380, March 27, 1873; Sweeney, No. 90,406, May 25, 1869) a great difference will be admitted. In the above case of Elliott, it will be observed, the invention consists of a complicated mechanism requiring a special preparation of the yoke for its reception; and, further, the overreaching part intended to hold the strap is pivotal in its action, depending upon springs, while this corresponding part in my invention is rigidly secured by means of shoulder *D*. In the case of Epler, I claim there is nothing whatever in common between it and my invention. My invention differs from that of Sweeney's patent in having a body or semi-circular plate intended to fit onto or receive the rounded side of the yoke, while his attachment is sunk deeply into the yoke. I claim patentable novelty over each and all of these cases.

In addition to the description already given in this case, I desire to call especial attention to some of the peculiar features involved in the construction of my improved attachment for neck-yokes, and I will first refer to the body proper of my attachment, which is shaped on that side intended to bear against the yoke, so as to present a concave surface

throughout its entire length. Referring to the case of Epler, of record, it will be observed that the body proper of his attachment is sunk deeply into the yoke, while my
5 attachment is readily applied to the surface proper of the yoke. It will be also observed that the overreaching arm *a* in my attachment is rigidly connected to the body by means of shoulder D on the outer end of such
10 body A, while in the case of Elliott, also of record, his invention consists of a complicated mechanism in which the overreaching arm is pivotal in its action. I also arrange in the body of my attachment the inwardly-reach-
15 ing button or stop B, pivoted at its outer end to the sides of a bed or recess provided for its reception, the free end of which is raised upward by a suitably-arranged spiral spring, the object of which is to securely hold the strap
20 from the collar.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In an attachment for neck-yokes, the body A, having the concave surface on its back 25 throughout its entire length and provided near its inner end with a recess in which is the pivotally-attached button B and the spiral spring *b*, located in the outer part of said recess, the shoulder D on the outer end of the 30 body A, and the inwardly-reaching arm *a*, secured to the said shoulder, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

RUFUS W. McMASTER.

Witnesses:

FRANCIS HARRIS,
ANNA L. McMASTER.