

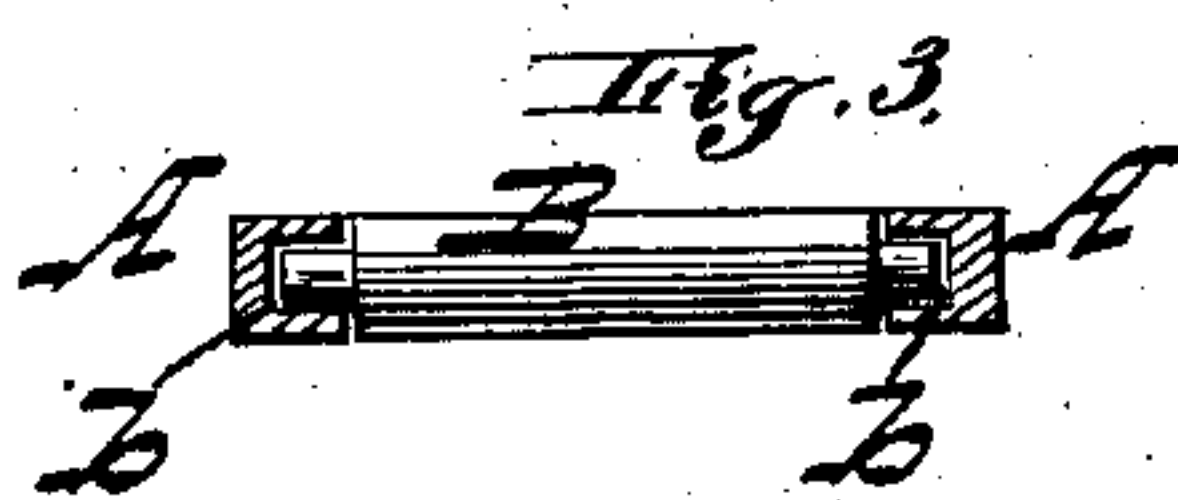
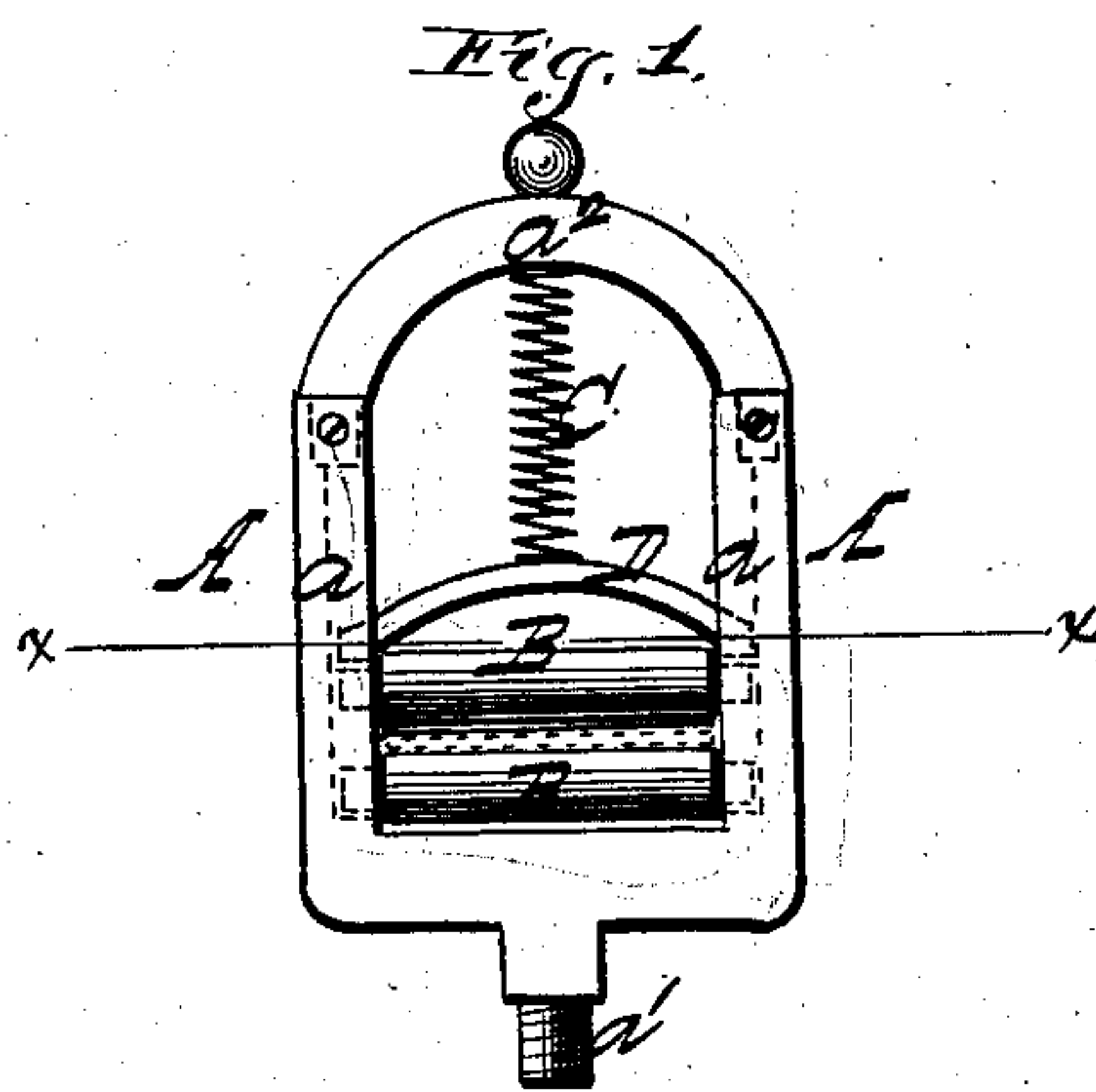
(No Model.)

F. C. McKIBBEN.

OVER-DRAW CHECK REIN ATTACHMENT FOR BRIDLES.

No. 248,105.

Patented Oct. 11, 1881.



Witnesses:
H. C. McArthur
Dr R Seaser

Inventor:
Frank C. McKibben
Per J. M. Foster
Attorney.

UNITED STATES PATENT OFFICE.

FRANK C. McKIBBEN, OF AUGUSTA, KENTUCKY.

OVERDRAW CHECK-REIN ATTACHMENT FOR BRIDLES.

SPECIFICATION forming part of Letters Patent No. 248,105, dated October 11, 1881.

Application filed March 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, FRANK C. McKIBBEN, a citizen of the United States, residing at Augusta, in the county of Bracken and State of Kentucky, have invented certain new and useful Improvements in Overdraw Check-Rein Attachments for Bridles; 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, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a side elevation of my improved overdraw check-rein attachment for bridles. Fig. 2 is a detailed view of a roll adapted for a round rein, and Fig. 3 is a transverse section taken on the line *xx* of Fig. 1.

This invention relates to improvements in overdraw check-rein attachments for bridles, having for its object to dispense with the leather loop heretofore used among other mediums for that purpose, to lessen friction and wear, to more evenly or properly guide the check-rein, to ease the pull upon the horse, and to serve at the same time as an ornament; and it consists of an upright frame adapted to be connected to the bridle crown-piece, and having guiding-grooves in its inner sides, combined with rolls and a bow or yoke adapted to work in the grooves in the frame, and a spring holding the rolls under a suitable pressure, substantially as hereinafter more fully set forth and claimed.

Referring to the accompanying drawings, A indicates an upright frame of metal, preferably consisting of the lower or greater section, *a*, with the screw-stud *a'* to enable it to be connected to the bridle crown-piece, and of the upper curved section, *a''*, detachably or otherwise connected to the section *a*, and ornamented, if desired. The upper section is shown connected to the lower section by screws to permit of the taking apart of these for the intro-

duction of the aforesaid parts moving in the grooves of the frame.

B B refer to two rolls, one placed above the other, with their axes entering grooves *b b*, made in the inner sides of the frame A, as shown in dotted lines in Fig. 1, and in full lines in Fig. 3, to permit them to accommodate themselves to the thickness of the rein passed between them, as indicated in dotted lines in Fig. 1.

C is a spring, arranged with its upper end resting against the under side of the upper end of the frame, and its lower end bearing upon the yoke or bow D, with its ends adapted to bear upon the axes of the upper roll, as clearly seen in Fig. 1, thus transferring the pressure to the rolls. This spring acts with sufficient pressure to cause the rolls to always bear upon the overdraw-rein, and by its being in contact with the rolling surface of the rolls friction is lessened, wear diminished, ease of pull upon the horse obtained, while by the frame itself the rein is guided more evenly, the ordinary leather loop heretofore used, among other means, for that purpose is dispensed with, and it at the same time serves as an ornament.

To adapt the device for using a round strap or rein a roll, B', as shown in Fig. 2, with an annular groove or concavity in its middle, is substituted for one of the rolls B.

Having thus fully described my invention, I claim and desire to secure by Letters Patent—

In an overdraw check-rein attachment for bridles, the combination, with the frame A, having grooves *b b* in its inner sides, of the rolls B, with their axes resting in said grooves, the bow or yoke D, and spring C, substantially as and for the purpose set forth.

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

FRANK C. McKIBBEN,

Witnesses:

J. H. BONDE,
WILSON E. LANE.