

(No Model.)

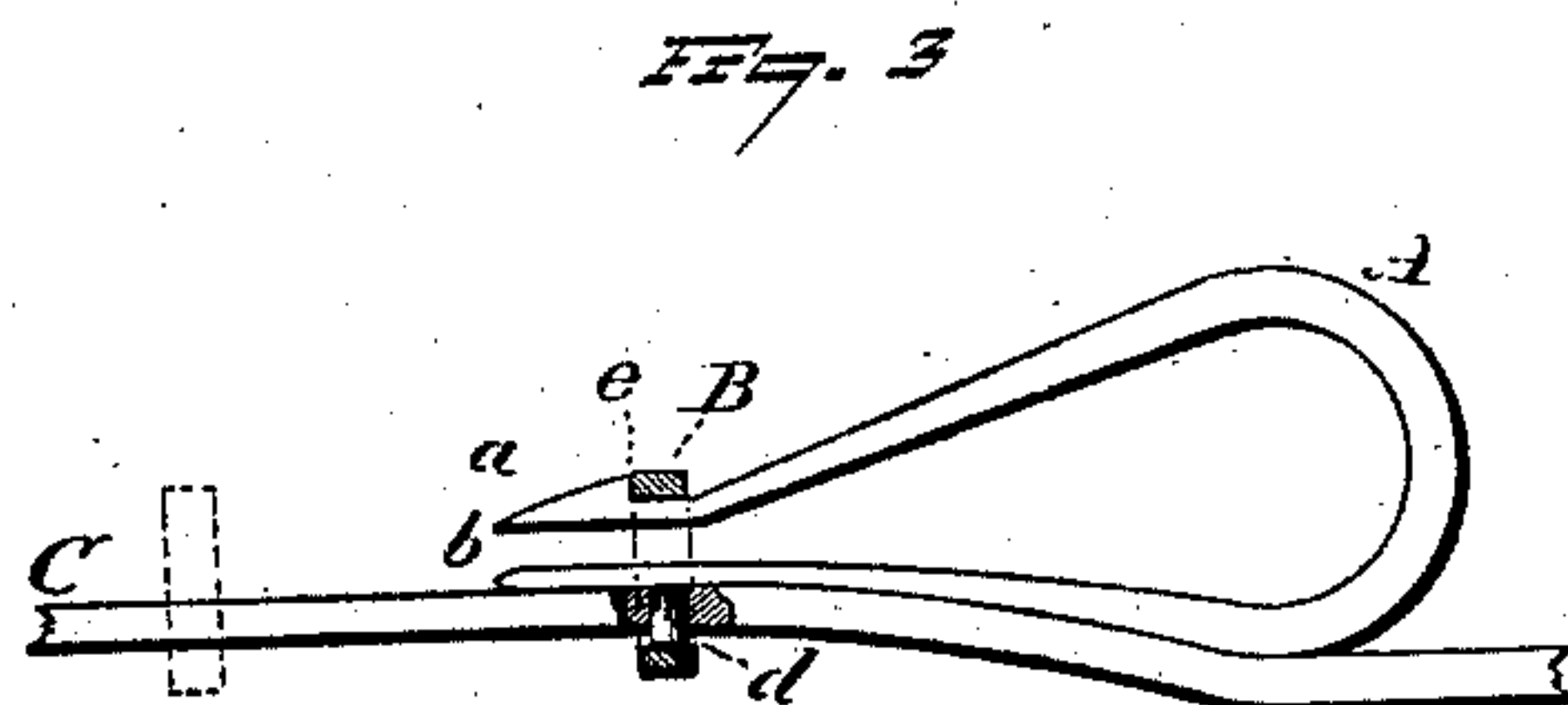
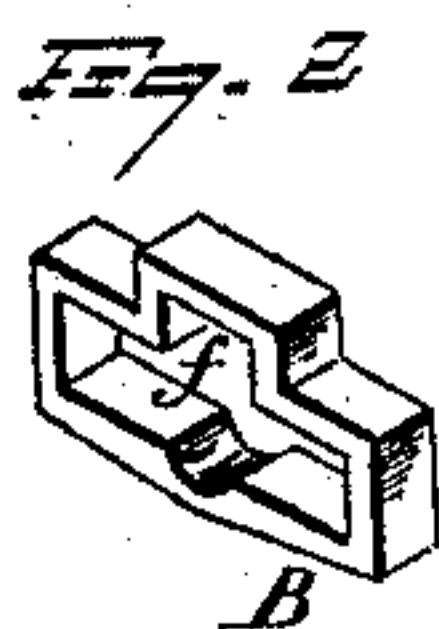
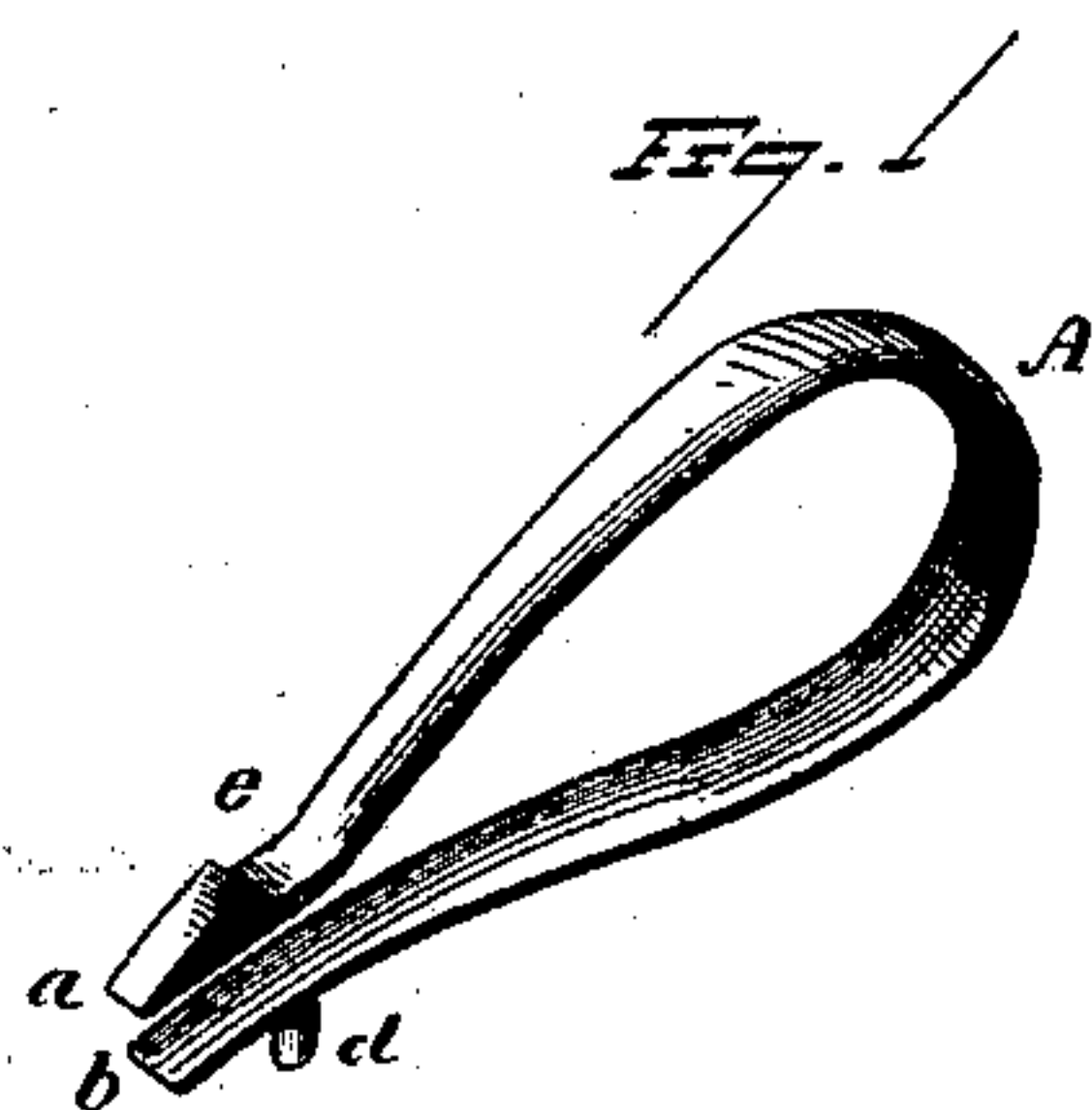
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M. E. ZELLER.

GAG RUNNER.

No. 271,970.

Patented Feb. 6, 1883.



Witnesses
Wm. H. Shumway
John C. O'Neil

Melancthon E. Zeller
Inventor
By Atty.
Wm. H. Shumway

(No Model.)

2 Sheets—Sheet 2.

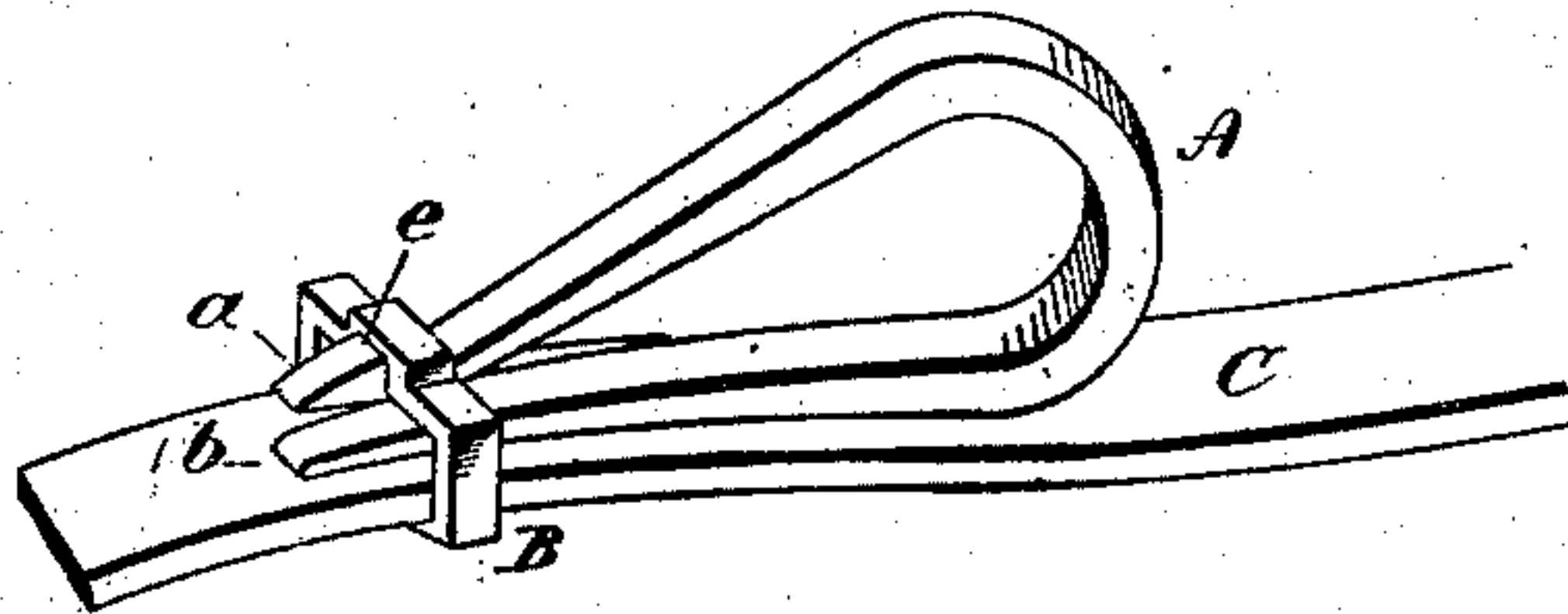
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fig. 4



Witnesses.

Jeff. Chumney
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Melancthon E. Zeller
Inventor

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UNITED STATES PATENT OFFICE.

MELANCTHON E. ZELLER, OF BLUFFTON, OHIO, ASSIGNOR TO O. B. NORTH & CO., OF NEW HAVEN, CONNECTICUT.

GAG-RUNNER.

SPECIFICATION forming part of Letters Patent No. 271,970, dated February 6, 1883.

Application filed December 7, 1882. (No model.)

To all whom it may concern:

Be it known that I, MELANCTHON E. ZELLER, of Bluffton, in the county of Allen and State of Ohio, have invented a new Improvement in Gag-Runners; and I do hereby declare the following, when taken in connection with accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view of the runner detached; Fig. 2, a perspective view of the loop; Fig. 3, a sectional view; Fig. 4, a perspective view, showing the parts as arranged upon a strap.

This invention relates to an improvement in the article of harness-hardware commonly called "gag-runner"—that is, the loop attached to the bridle through which the check-rein passes—the object of the invention being to make a runner which will be of easy adjustment; and it consists in the construction as hereinafter described, and more particularly recited in the claim.

The runner A is of substantially the usual shape, but the two ends *a b* are disconnected and separate the one from the other, as seen in Fig. 1. The end *b* is provided with a stud, *d*, upon its back, the other, *a*, with a shoulder, *e*, upon its front, a little distance from the end and inclined from that shoulder to the point. The metal from which the runner is made possesses a certain amount of elasticity, so that the two ends may be brought nearly together and react to assume their normal or open position.

B is a loop, its opening corresponding substantially to the strap or straps upon which

the runner is to be placed. In the outside bar is a notch, *f*, corresponding to the width of the end *a* of the runner. The loop B is first placed upon the strap C, as seen in Fig. 3, a little above where the loop is to be fixed, the runner is then set upon the strap, the stud *d* into the proper hole in the strap to give the required position for the runner, then the loop B is forced down over the ends of the runner, below the shoulder *e*, the ends of the runner closing for this passage of the loop, and then the elasticity causing the reaction brings the shoulder *e* over the loop, and thus the parts are firmly held together.

At any time when it is desirable to readjust the runner, press the two ends together until the loop can be passed up onto the strap away from the runner, and then withdraw the runner from its hole in the strap and set it to the required position and replace the loop. This construction avoids the usual bending and tucking of the strap necessary for the adjustment of the runner, makes the runner very simple and inexpensive, and presents a neat appearance on the harness.

I claim—

The herein-described gag-runner, having its two ends *a b* separated, the one side constructed with a stud, *d*, to enter the hole in the strap, the other with a shoulder, *e*, combined with a loop arranged to pass over the strap and be returned onto the runner over the shoulder *e* to embrace the ends of the runner and the strap, substantially as described.

MELANCTHON E. ZELLER.

Witnesses:

L. H. PRINDLE,
A. H. JACKSON.