

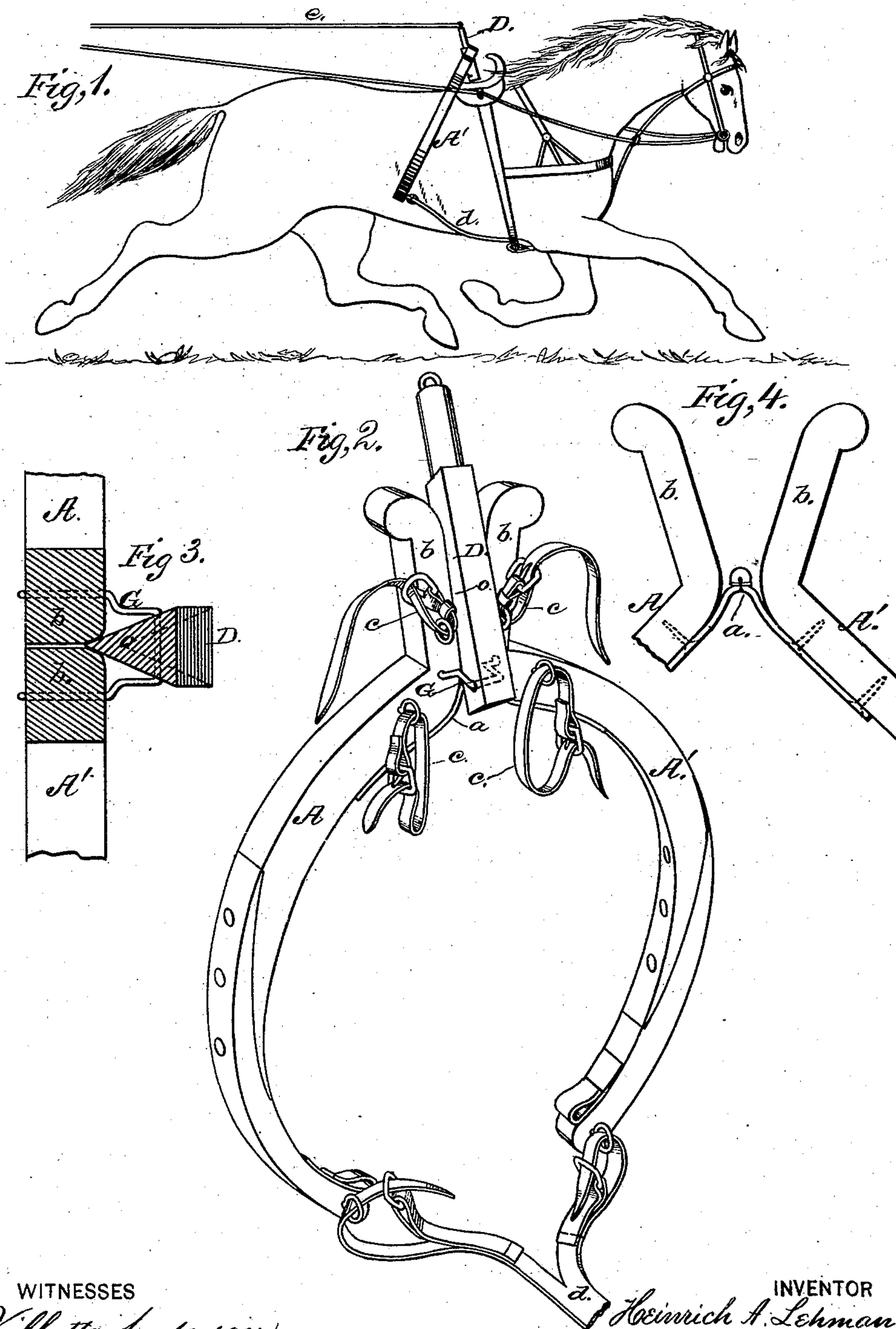
(Model.)

H. A. LEHMAN.

Device for Preventing Horses from Running.

No. 228,085.

Patented May 25, 1880.



WITNESSES

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UNITED STATES PATENT OFFICE.

HEINRICH A. LEHMAN, OF CHICAGO, ILLINOIS.

DEVICE FOR PREVENTING HORSES FROM RUNNING.

SPECIFICATION forming part of Letters Patent No. 228,085, dated May 25, 1880.

Application filed April 9, 1880. (Model.)

To all whom it may concern :

Be it known that I, HEINRICH A. LEHMAN, of Chicago, in the county of Cook and State of Illinois, have invented a new and valuable
5 Improvement in Devices for Preventing Horses from Running Away; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to
10 the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my improved runaway-horse arrester. Fig. 2 is a perspective view
15 of the same, and Figs. 3 and 4 are details.

This invention has relation to improvements in means for stopping runaway horses; and it consists in the novel arrangement and construction of a clamp placed astraddle of the
20 animal's back and reaching down to its short ribs, which clamp is attached to the saddle and belly-band, and being operated compresses the said ribs with such force that the
25 animal is unable to get sufficient breath to keep up a running speed, and is forced to stop, as will be hereinafter more fully set forth.

In the annexed drawings, the letters A A' designate the legs or jaws of the clamp, flexibly coupled together at *a*, and having above
30 the coupling or hinge the handle ends *b*. The hinge is preferably constructed of leather, and, if desired, may be padded.

The jaws of the clamp are internally concaved, to correspond to the rounded flanks of
35 the horse, and reach down to the short ribs.

The clamp is secured to the cantle of the harness-saddle by means of the straps *c c*, and to the belly-band by means of the branched
40 strap *d*. In working position it is rearwardly inclined, as shown, and lies loosely upon the animal with its handle ends in contact, or nearly so, in no way interfering with its breathing or comfort; but in the event of
45 his running away a separation of the handle ends *b* would cause the jaws A A' to compress the body with such force that it could not expand or contract, and thus prevent a sufficient quantity of air from being drawn

into the lungs to enable the animal to keep up 50 a running speed.

The consequence of an insufficient air-supply would be that the animal would perforce be compelled to moderate the speed or stop
altogether.

The separation of the handle ends of the clamp is accomplished by means of a lever, D, vibrating vertically and freely upon a bracket, G, the ends of which are carried
55 through the said handles on a level with the bending or flexing point of the hinge, and, being loose in said handles, do not interfere with the movements of the clamp. This lever is triangular in cross-section, and is provided
60 with a pull-cord or wire, *e*, extending into the vehicle. This pull-cord being drawn upon forces the wedge-shaped portion *o* of the lever in between the beveled upper ends of the handles, separating them more or less according
65 to the force exerted, and causing the jaws to gripe the body of the horse, as aforesaid, and with the result aforementioned. 70

Various devices have been heretofore used to prevent and stop runaways, such as blinders, chokers, and nose-clamps, all of which, being
75 unnatural in their operation, tend rather to terrify and madden the runaway and render it perfectly crazy and unmanageable rather than to compel it to stop. Scant breath, however, is a condition in which every horse has been,
80 and which he recognizes readily, both as to its results and remedy, and, this condition being the effect of the clamp, he naturally adopts the remedy and stops, instead of being terrified and rendered absolutely insane by the
85 immediate deprivation of light and breath, when every guiding instinct or perception is in abeyance, and irreparable injury may be done.

A runaway horse stops of his own accord 90 when he loses his wind, and the clamp above described produces the same condition in a short time and a corresponding result.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a horse-arrester, the combination of the hinged jaws adapted to straddle the back
95 of the animal, and having the handle ends *b*,

and an angular lever, D, fulcrumed on the clamp and designed to be forced between the said ends, substantially as specified.

5 2. The horse-arrester consisting of the flexibly-connected jaws A A', having the handle ends *b*, and the angular lever D, fulcrumed at the joint of the jaws, and operating to spread said ends apart and compress the jaws, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HEINRICH A. LEHMAN.

Witnesses:

HERMANN CONRAD,
JOHN ERICKSON.