W. J. PARVIN.

HOLDBACK.

APPLICATION FILED FEB. 8, 1909.

951,839.

Patented Mar. 15, 1910.

Fig. 1.

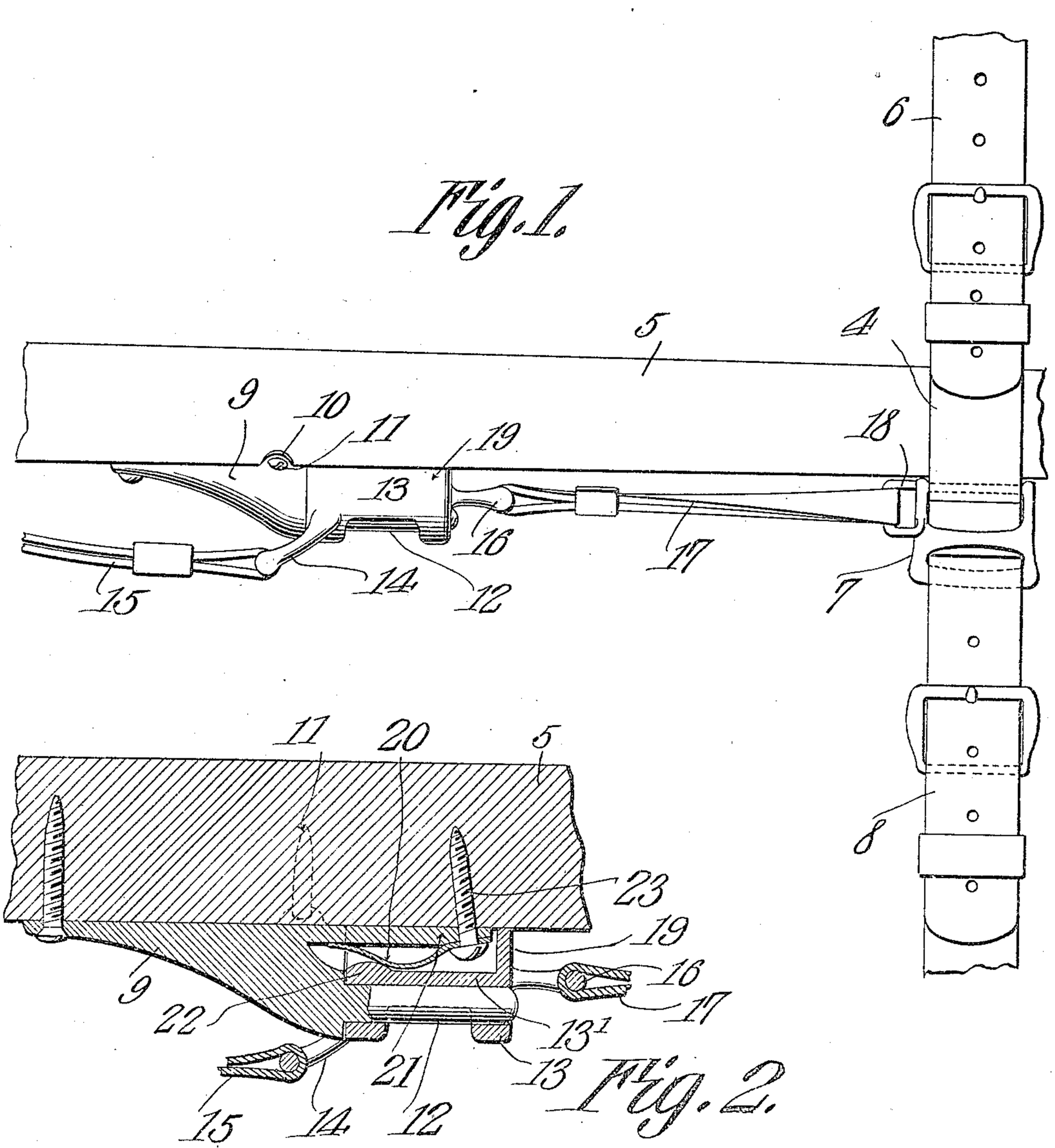

Fig. 2.

Witnesses

E. F. Stewart

M. A. Schmidt

Inventor.

William J. Parvin

By Church & Co.

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM J. PARVIN, OF MARYVILLE, MISSOURI.

HOLDBACK.

951,839. Specification of Letters Patent. Patented Mar. 15, 1910.

Application filed February 8, 1909. Serial No. 476,772.

To all whom it may concern:

Be it known that I, WILLIAM J. PARVIN, a citizen of the United States, residing at Maryville, in the county of Nodaway and State of Missouri, have invented a new and useful Holdback, of which the following is a specification.

This invention relates to hold-backs, and has for its object to provide a device of this kind in which the breeching or hold-back strap will be automatically released when the other parts of the harness are released from the shafts of the vehicle, and the horse passes out of the same, the invention being designed for use in connection with a trace releaser, by which the traces are released from the swingletree.

The invention also has for its object to provide a device of this kind which is simple in structure, and efficient in action, and, with these objects in view, the invention consists in a novel construction and arrangement of parts, to be hereinafter described and claimed, reference being had to the drawing hereto annexed, in which:—

Figure 1 is an elevation, showing the application of the invention. Fig. 2 is a longitudinal sectional view of the device.

Referring more particularly to the drawing, 5 denotes one of the shafts of the vehicle, and 6 denotes the tug strap, supporting a shaft tug 4, to which tug the belly-band 8 is connected by means of a loop 7. On one side of the shaft, which may be either the under or top side, is mounted the hold-back which is the subject of the present invention. The device is shown in the drawing secured to the under side of the shaft.

The hold-back comprises a supporting member 9, which is a block, provided with ears 10, through which pass screws or other suitable fastening means 11, whereby the block is secured to the shaft. From the front end of the block projects horizontally a pin 12, on which a slide 13 is mounted, said slide having at its rear end a loop 14, to which the breeching strap 15 is connected. At its opposite or front end the slide has a loop 16, which is connected by a strap 17 to an eye 18 on the loop 7. The slide is in the shape of a tube or sleeve, the bore of which receives the pin 12, and from the front end of the slide, as well as from opposite sides thereof, extend walls 19 which form a housing for a spring 20, this spring being for the purpose of opposing the withdrawal of the slide from the pin. The spring is secured at one end to a flange 21 projecting from the front end of the block 9 at the base thereof and in engagement with the under side of the shaft. The free end of the spring bears against a lug 22, on the inner end of the tubular portion 13^1 of the slide. The spring is secured by a screw 23, or other suitable fastening means, passing through the flange 21 and into the shaft, said fastening therefore also serving to secure the block 9 to the shaft.

As already stated, the hold-back herein described is designed for use in connection with a trace-releaser, by which the traces are released from the swingle-trees, after which the horse is free to pass out of the shafts. It will therefore be seen that when this is done, the breeching-strap is also released, the horse, as it walks out of the shafts, withdrawing the slide from the pin by reason of the connection of said slide with the loop 7. The horse is therefore free to pass out of the shafts as soon as the traces are released. The invention is designed primarily for providing means for the release of the horse in the case of a runaway.

The parts constituting the device are simple and can be readily attached to the shafts, and the device is efficient and reliable in operation.

The casing formed by the walls 19 effectually protect the spring 20, and it is not exposed to moisture, and is therefore less liable to get out of order.

What is claimed is:—

1. In a hold-back, a support, a pin projecting therefrom, a slide mounted on the pin, a lug on the slide, a spring mounted on the support and bearing on the lug and opposing the withdrawal of the slide, a casing on the slide inclosing the spring, a connection between the slide and the breeching strap, and a connection between the slide and a portion of the harness in front of the breeching strap for withdrawing the former.

2. In a hold-back, a support, a pin projecting therefrom, a sleeve slidably mounted on the pin, a lug on the sleeve, a spring mounted on the support and bearing on the

lug, walls extending from the sides and the front end of the sleeve to form a housing which incloses the spring, a connection between the sleeve and the breeching strap, and a connection between the sleeve and a portion of the harness in front of the breeching strap.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM J. PARVIN.

Witnesses:

J. J. POUTEN,

VIRGIE ROSE.