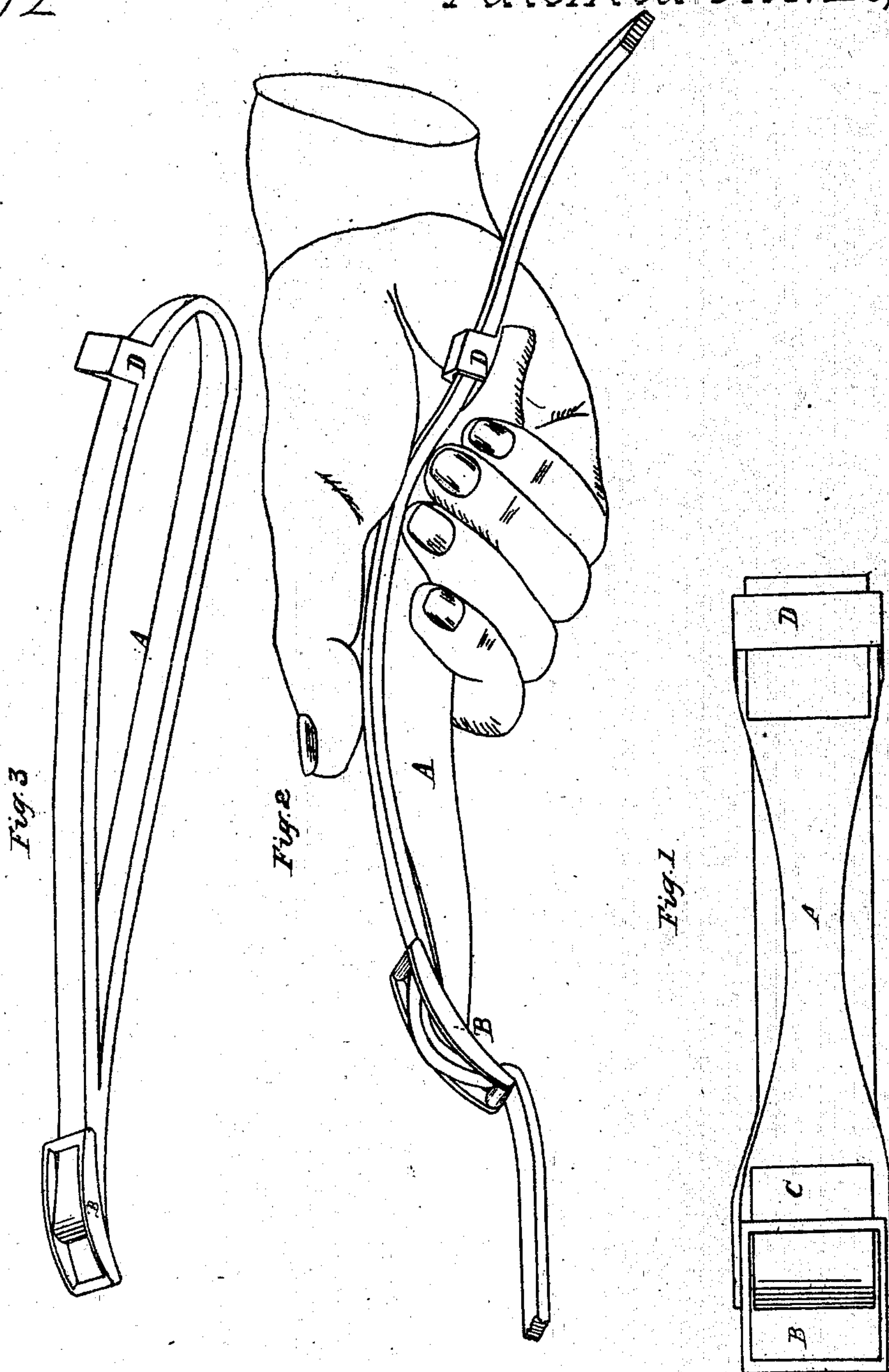


P. G. Pugsley.

Elastic Rein Pull.

N^o 71412

Patented Nov. 26, 1867



Witnesses
Chas. H. Smith
Geo. W. Walker

Inventor
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United States Patent Office.

JOHN G. PUGSLEY, OF NEW YORK, N. Y.

Letters Patent No. 71,412, dated November 26, 1867.

ELASTIC REIN-PULL.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN G. PUGSLEY, of the city and State of New York, have invented a new and useful Elastic Rein-Pull; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a plan of the rein-pull.

Figure 2 is a perspective view, showing the manner of attaching it to the rein and how it is held by the hand.

Figure 3 is a view of the pull in the form of a loop.

The object of my invention is to relieve the driver or rider of the sudden jerks or pulls of a hard-pulling horse, by placing in the hands of the driver or rider a rein-pull having a certain amount of elasticity, which yields to the pulling or jerks of the horse, thus saving the driver or rider, and the horse, the fatigue consequent upon such action when driven or ridden in the ordinary way.

I make the body A of my rein-pull of elastic rubber. I prefer a tube, as shown in figs. 1 and 2, of such a size as properly to fill the hand, and of such length and stiffness as will give the amount of yield and elastic force required, which may be according to the known peculiarities of the horse to be driven or ridden. To one end I attach a buckle, B, by a strap, C, of leather, sewed through the rubber in proper harness style; this buckle may have a tongue, or otherwise. To the other end I, in the same manner, attach a loop, D, just sufficient to freely admit the rein. The rein is passed through the buckle along the pull, and thence through the loop. The pull is grasped by the fingers, which may pass between the pull and the rein, but the thumb should be placed over the rein, and may at any moment hold it firmly against the fore-finger. In use the rein slips through the hand, as the pull yields to any pulling of the horse, or reacts on any relaxation of strain.

I do not wish to confine myself to the precise form shown in figs. 1 and 2, as I contemplate the use of two modifications, one being an elastic loop with the buckle and keeper-loop, as shown in fig. 3, (one side of the loop to be held within the hand, as described, the other side outside of the fingers; in that case the principal strain comes upon the little finger,) the other being an elastic rubber with a button behind the hand, and the rein inside; in this case the rubber would be compressed by strain, the buckle would be behind the hand.

I do not claim the interposition of an elastic strap between the rein and the bit of a horse-bridle, as the same has been used attached to the bit, although I believe without good result.

But what I do claim as my invention, and desire to secure by Letters Patent, is—

An elastic rein-pull adapted to being grasped by the hand, and interposed between the hands and the reins, as and for the purposes set forth.

In witness whereof I have hereunto set my signature, this fourteenth day of October, A. D. 1867.

JOHN G. PUGSLEY.

Witnesses:

CHAS. H. SMITH,

GEO. D. WALKER.