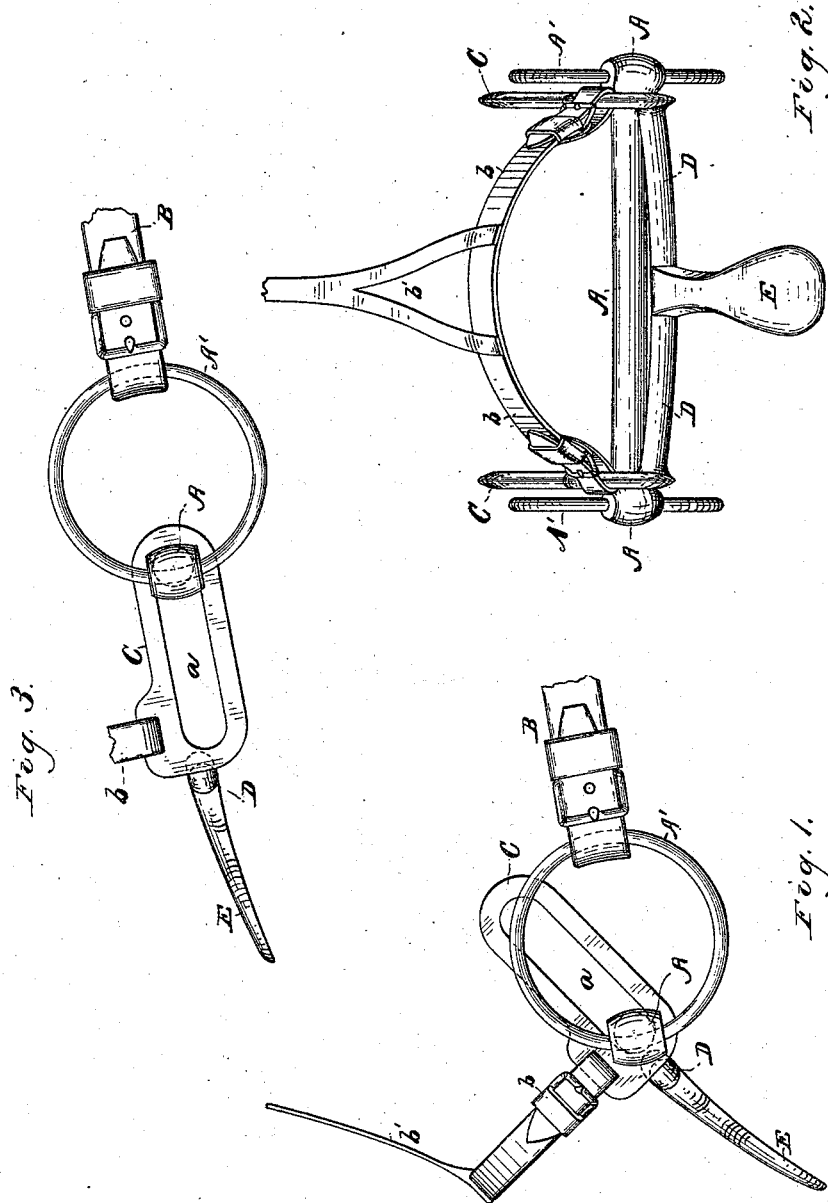


(No Model.)

N. J. BLATHERWICK.  
ATTACHMENT FOR BRIDLE BITS.

No. 305,659.

Patented Sept. 23, 1884.



Witnesses.  
*Henry Frankfurter*  
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# UNITED STATES PATENT OFFICE.

NELSON J. BLATHERWICK, OF CHICAGO, ILLINOIS.

## ATTACHMENT FOR BRIDLE-BITS.

SPECIFICATION forming part of Letters Patent No. 305,659, dated September 23, 1884.

Application filed February 11, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, NELSON J. BLATHERWICK, of Chicago, Illinois, have invented a certain new and useful Attachment for Bridle-Bits, of which the following is a specification.

The attachment is designed to be used with a common bridle-bit.

The accompanying drawings illustrate the invention.

Figure 1 is a side view. Fig. 2 is a front view of Fig. 1, and Fig. 3 is a side view showing a different position of the bit from the one seen in Fig. 1.

A designates the bridle-bit, and B the rein.

The attachment is composed of cheek-pieces C C, mouth-piece D, and spoon E. The cheek-pieces each have a slot, *a*, and are connected by a strap, *b*, which goes over the horse's nose. This strap has a strap, *b'*, which runs up and is attached to the crown-strap of the bridle.

The attachment is applied to the bit A by unfastening the bridle cheek-strap and rein from the ring A' and passing the ring through the slots *a*. The slot is sufficient to allow the ring and enlarged end of the bit as ordinarily constructed to pass through it; but in case the diameter of the ring is greater than the length of the slot, the ring should be collapsed and passed through and then restored to its origi-

nal shape, and in case the enlarged end of the bit cannot pass through the width of the slot, it is sprung open sufficiently to allow this to be done, and when done it is restored to its former shape. The parts mentioned are made of pliable metal, which allows these operations to be readily performed. The strap *b* is buckled over the horse's nose and holds the mouth-piece D pretty well up against the roof of his mouth, and the spoon E lies against the roof of the mouth just behind the upper front teeth. The bridle-bit slides in the slots *a*, and pulling on the reins causes the spoon to be thrown up against the roof of the mouth, and has much the same effect as the bit attachment invented by me and shown in Patent No. 224,633, of February 17, 1880. The bit, however, is kept under better control with my present attachment, which possesses other advantages over my said other invention.

What I claim is—

A bridle-bit attachment consisting of the mouth-piece D, having spoon E, slotted cheek-pieces C C, and strap *b*, all substantially as and for the purpose shown.

N. J. BLATHERWICK.

Witnesses:

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