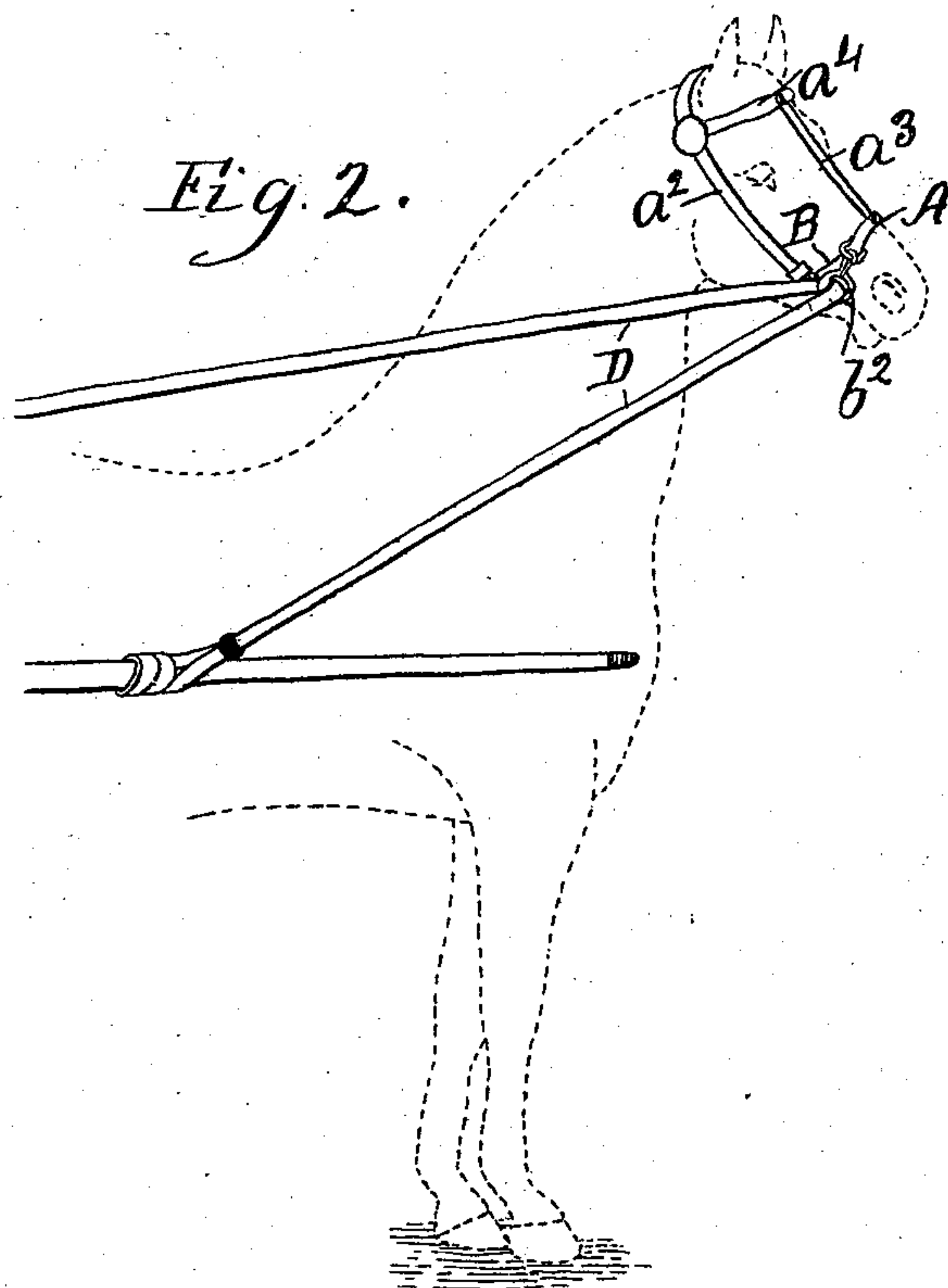
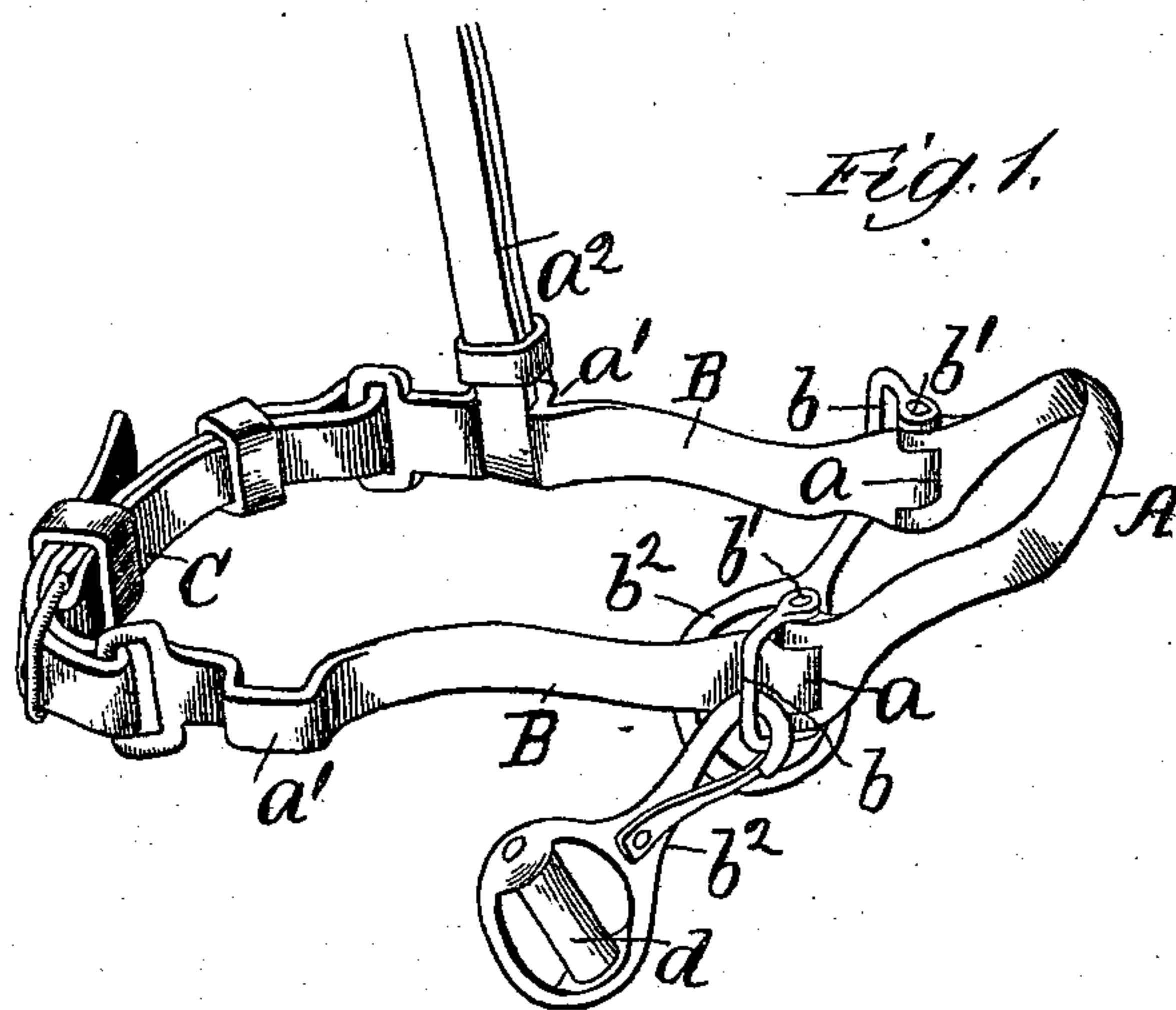


(No Model.)

G. B. GOODELL & B. S. HOPKINS.  
BRIDLE.

No. 485,685.

Patented Nov. 8, 1892.



Witnesses:  
Chas. E. Gaylord,  
Clifford H. White.

Inventors  
G. B. Goodell,  
B. S. Hopkins.  
By L. B. Coupland & Co.  
Attorneys.

# UNITED STATES PATENT OFFICE.

GORHAM B. GOODELL, OF CHEYENNE, WYOMING, AND BYRON S. HOPKINS,  
OF LEXINGTON, KENTUCKY.

## BRIDLE.

SPECIFICATION forming part of Letters Patent No. 485,685, dated November 8, 1892.

Application filed August 17, 1891. Serial No. 402,860. (No model.)

*To all whom it may concern.*

Be it known that we, GORHAM B. GOODELL, residing at Cheyenne, in the county of Laramie and State of Wyoming, and BYRON S. HOPKINS, residing at Lexington, in the county of Fayette and State of Kentucky, both citizens of the United States, have invented certain new and useful Improvements in a Bridle Attachment, of which the following is a full, clear, and exact description, that will enable others to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a view in perspective of a device embodying our improvement; and Fig. 2 shows the device in position for use, the figure of a horse being indicated in dotted lines.

The object of this invention is to provide a substitute for the ordinary bit, the same consisting of certain novel features in the construction and arrangement of the device, as will be hereinafter set forth.

The device consists of the nose part A and the side bars or members B B. The nose part is shaped to conform to the contour of head at a point above the nostrils, as shown in Fig. 2. The front ends of the side bars and the backwardly-extending ends of the nose part are joined or pivoted together to form a hinged connection, as at *a a*. The rear ends of the members or bars B B are connected by the adjustable fastening-strap C, passing around the under jaw of the animal. The

side members are provided with the offset *a'*, at which point the lower ends of the check- straps *a*<sup>2</sup> are attached. The strap *a*<sup>3</sup> connects the nose-piece of the device with the head-stall *a*<sup>4</sup> of the bridle. The clevis-bars *b b* are located at each side and secured to the respective ends of the pivot-pins *b'*, forming the hinged joint between the nose-piece and the side pieces composing the device.

Ordinarily the ends of the driving-reins D will be directly attached to the bars *b b* the same as to the bit-rings.

In handling or breaking animals that are particularly vicious the reins may be run through the end of the snap hook or hooks *b*<sup>2</sup>, connected to the clevis-bars and attached to some convenient part of the vehicle or harness.

The snap-hooks are provided with a friction-roller *d* to ease the movement of and prevent unnecessary wear on the reins.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a bridle attachment, the combination of the nose part, the companion side bars hinged thereto, the loops *b*, the strap C, and the straps *a*<sup>2</sup> *a*<sup>3</sup>, substantially as described.

GORHAM B. GOODELL.  
BYRON S. HOPKINS.

Witnesses:

L. M. FREEMAN,  
J. B. DONALSON.