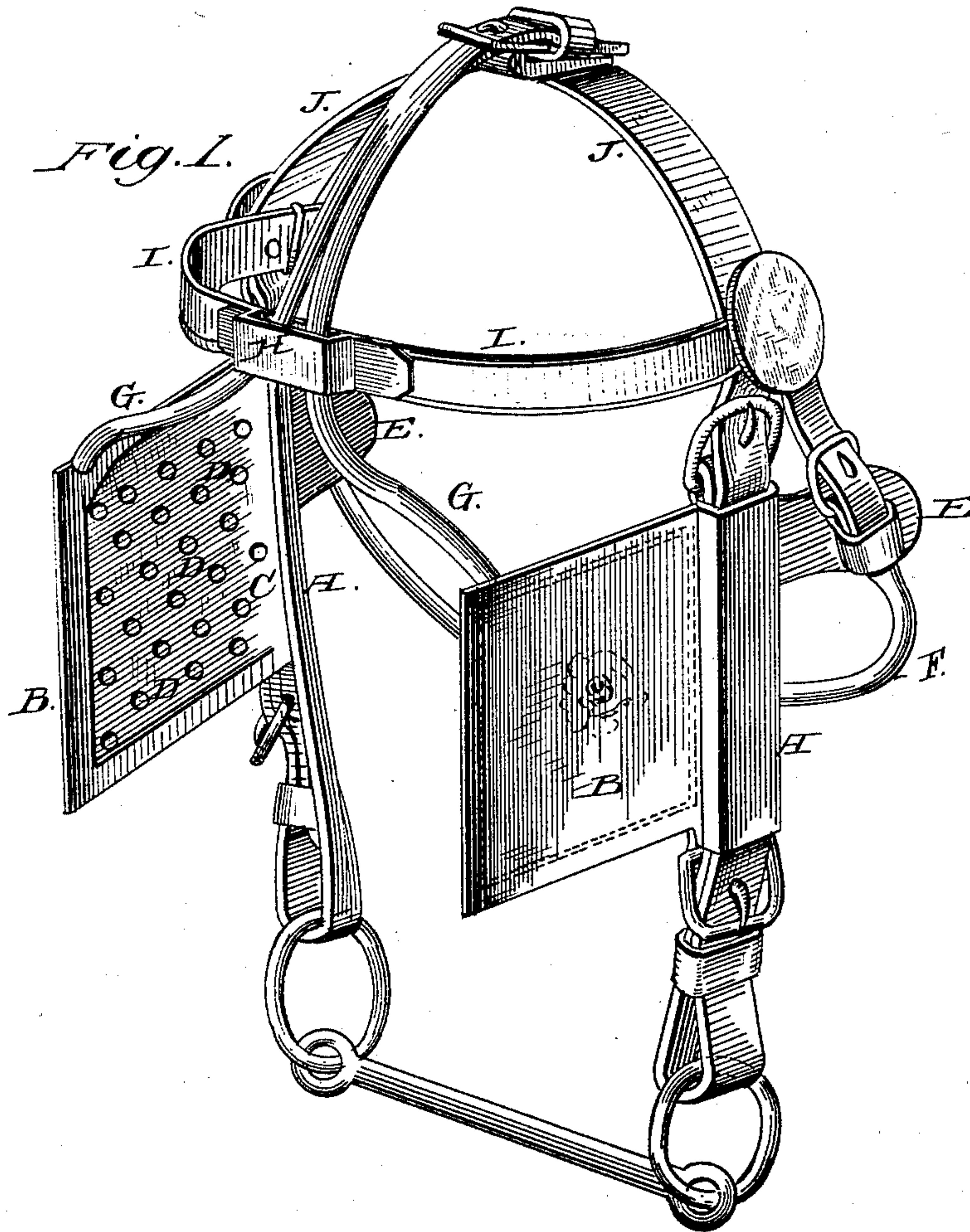


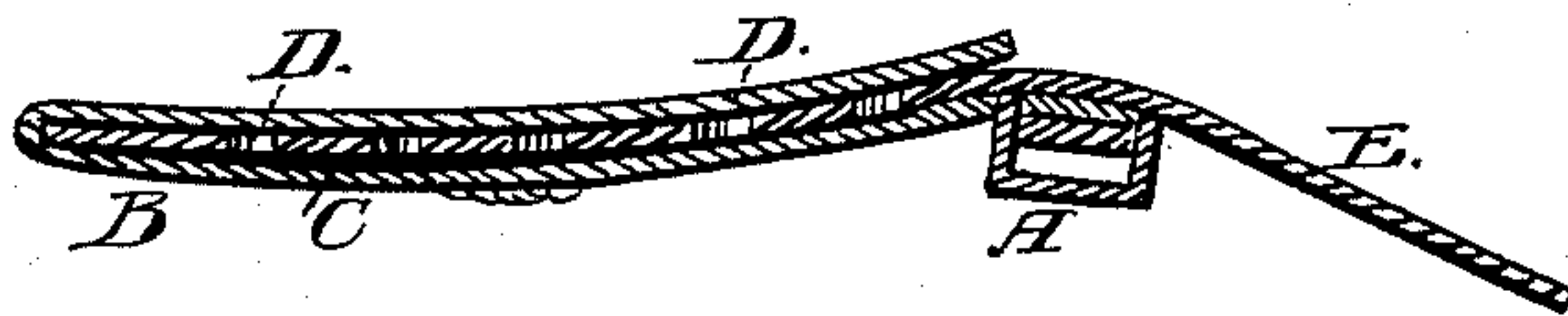
J. A. BEAL.  
Bridle.

No. 223,270.

Patented Jan. 6, 1880.



*Fig 2.*



*Witnesses:*  
*Fred. G. Dieterich*  
*George Pinkenburg*

*Inventor,*  
*John A. Beal,*  
*by* *Chas. Snow & Co*  
*Atty's*

# UNITED STATES PATENT OFFICE.

JOHN A. BEAL, OF HACKENSACK, NEW JERSEY.

## BRIDLE.

SPECIFICATION forming part of Letters Patent No. 223,270, dated January 6, 1880.

Application filed June 9, 1879.

*To all whom it may concern:*

Be it known that I, JOHN A. BEAL, of Hackensack, in the county of Bergen and State of New Jersey, have invented certain new and  
5 useful Improvements in Bridles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same,  
10 reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view, and Fig. 2 is a horizontal sectional view taken through  
15 one of the winkers.

Similar letters of reference denote corresponding parts in both figures.

This invention relates to bridles; and it consists in certain improvements in the construction of the same which will be hereinafter more fully described, and particularly  
20 pointed out in the claims.

In the drawings, A A represent the cheekstraps, to which the winkers B B are secured  
25 in the usual manner. The stiffening-plates C of the winkers are provided with perforations D D, the object of which is to make them as light as may be. Each of the plates C is provided with a rearwardly-projecting piece, E,  
30 which, when covered, may be said to form a rearward projection of the winker, from which it flares outwardly, as shown, so that when the piece E rests against the cheek of the horse the winker shall be at the proper distance from the eye of the horse. The proper  
35 angle may readily be determined. The throat-latch F, when in position, presses upon the springs E, as shown, thus keeping the winkers in position.

40 The braces G G, which are attached to the

upper front corners of the winkers, are made of soft material and passed through a metallic loop, H, or its equivalent, upon the front piece, I, of the headstall upward to the top piece, J, where they meet, and are adjustably attached  
45 in the usual manner. These braces, while capable of regulating the distance of the winkers from the eyes of the horse, do so without rigidity or annoyance to the animal, and owing to the loop H, in which they play, cannot get  
50 fast, as is frequently the case with the braces now commonly employed.

The operation and advantages of my improved bridle will be readily understood. It is simple, convenient, inexpensive, and presents a handsome appearance.  
55

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A bridle-winker provided with a stiffening-plate having a rearwardly-projecting flaring spring, in combination with the throat-latch adapted to press upon said spring, and thus keep the winker at the desired distance from the eye of the horse, as set forth.  
60

2. In a bridle, the combination, with the winkers having flaring springs, of the braces passing through a loop in the front piece of the headstall and attached adjustably to the top piece, and the throat-latch adapted to press  
65 upon the flaring springs of the winkers, as set forth.  
70

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.  
75

JNO. A. BEAL.

Witnesses:

PETER W. STAGG,  
JOHN ACKERMAN.