

No. 692,707.

Patented Feb. 4, 1902.

A. E. POLLARD.
BRIDLE CROWN PIECE.

(Application filed July 20, 1901.)

(No Model.)

Fig. 1.

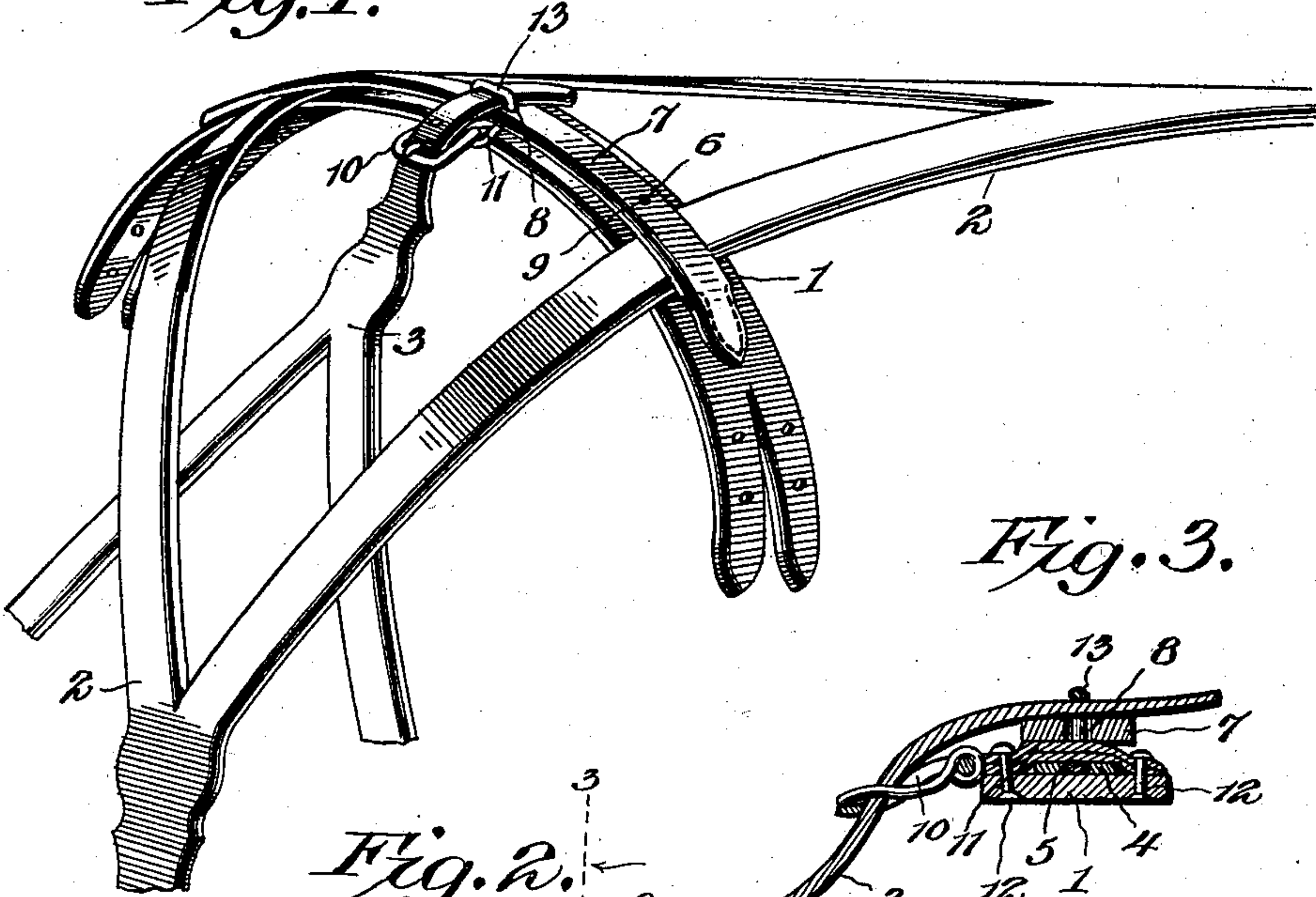


Fig. 3.

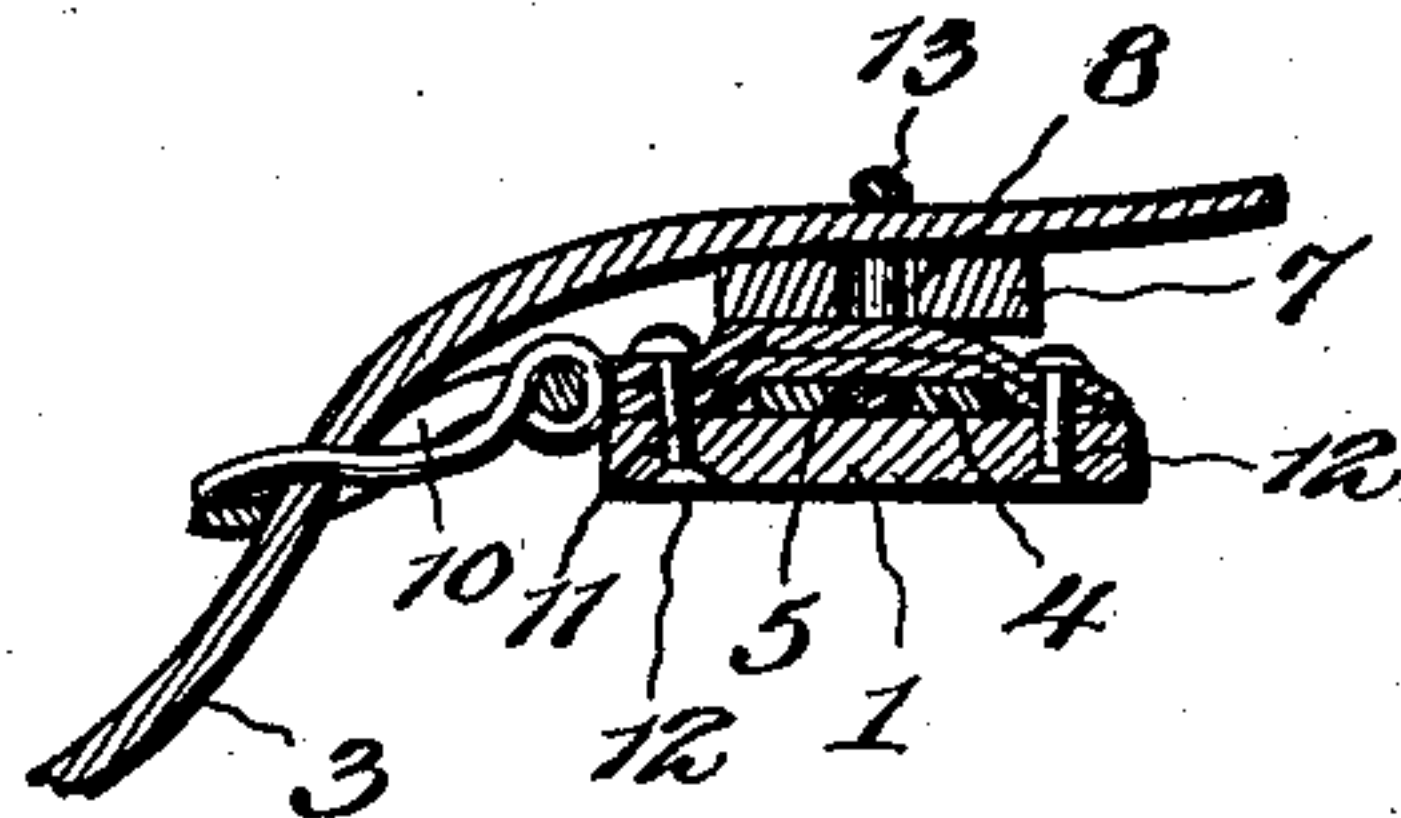


Fig. 2.

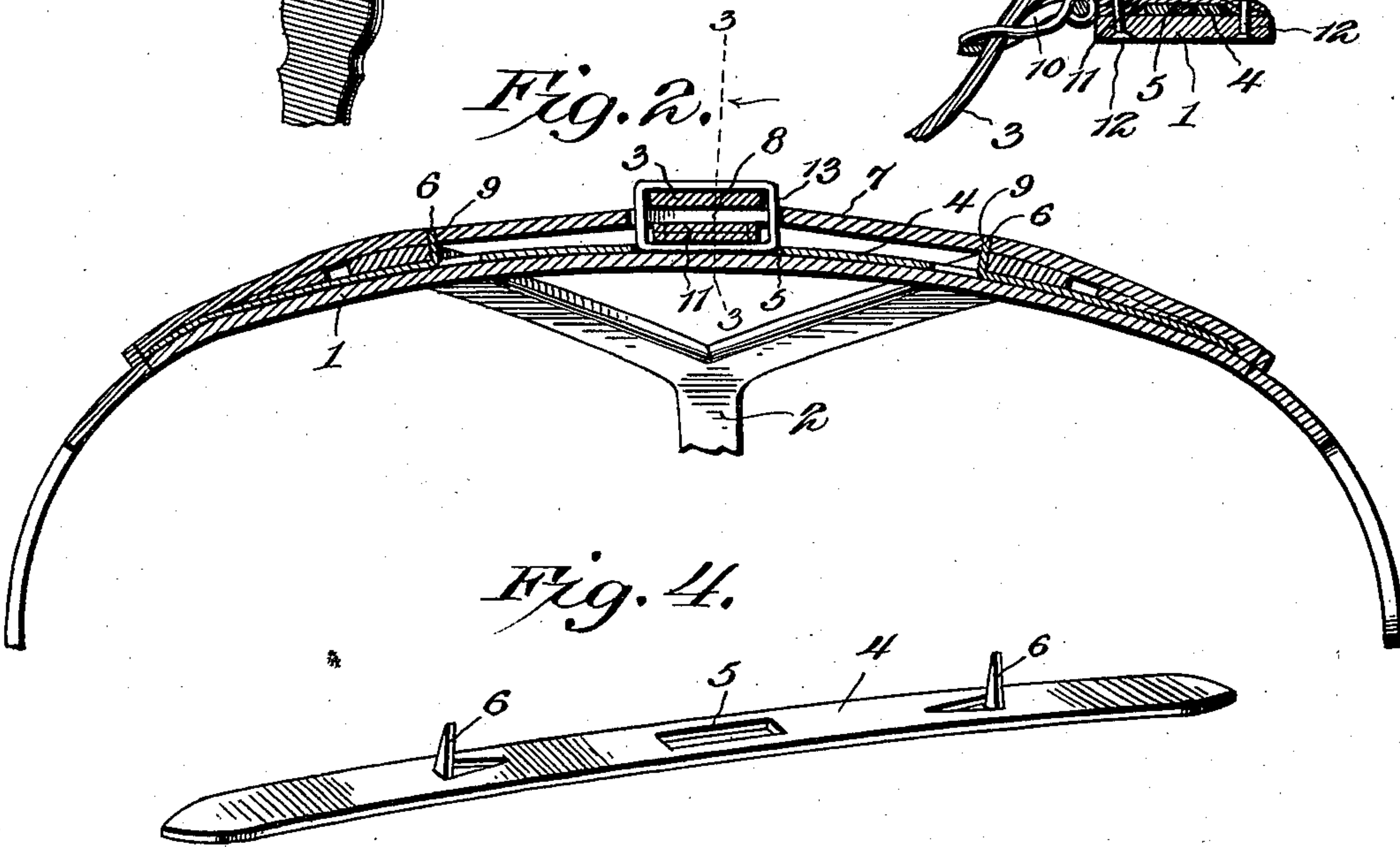
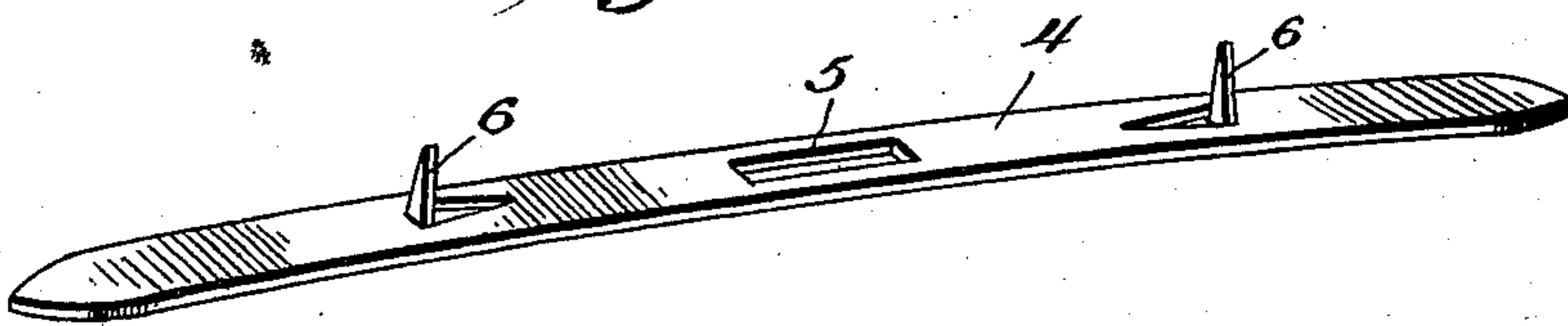


Fig. 4.



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UNITED STATES PATENT OFFICE.

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BRIDLE CROWN-PIECE.

SPECIFICATION forming part of Letters Patent No. 692,707, dated February 4, 1902.

Application filed July 20, 1901. Serial No. 69,109. (No model.)

To all whom it may concern:

Be it known that I, AMOS E. POLLARD, a citizen of the United States, residing at Montezuma, in the county of Poweshiek and State of Iowa, have invented a new and useful Bridle, of which the following is a specification.

This invention relates to harness-bridles, and has for its object to provide improved means for spreading the opposite sections of a checkrein, so as to maintain the same in a proper normal relation and to permit of unrestricted longitudinal play thereof to accommodate for the movement of an animal's head, while limiting lateral play to a slight movement, so as to obviate catching or hanging of the rein in any part of the bridle. It is furthermore designed to arrange for effectually preventing the escape of the checkrein from the spreader or guide and to provide for connecting the winker-stay, the spreader, and the crown-piece in a simple and durable manner, so as to effect a rigid relation between the spreader and the crown-piece and to permit of the convenient connection and disconnection of the winker-stay without interfering with the checkrein and any other parts of the bridle.

As a final object it is designed to have the present invention in such shape as to be applicable to any of the common or ordinary forms of bridles without requiring any material change or alteration therein and when applied to render the bridle more efficient and desirable without interfering with any of the parts and without conflicting with the application and removal of the bridle.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a portion of a harness-bridle embodying the present invention. Fig. 2 is a sectional view taken longitudinally through the

crown-piece. Fig. 3 is a transverse sectional view taken on the line 3 3 of Fig. 2, and Fig. 4 is a detail perspective view of the spreader-plate.

Like characters of reference designate corresponding parts in all the figures of the drawings.

In order that the application and operation of the present invention may be fully understood, there has been illustrated in Fig. 1 of the drawings a portion of a common or ordinary harness-bridle embodying, essentially, the usual crown-piece 1, the longitudinal split checkrein 2, and the upper portion of the winker-stay 3, these parts being of common or preferred form, as they have been shown for the purpose of adequately illustrating the manner of mounting the present checkrein spreader and guide.

In carrying out the present invention there is provided a spreader consisting of a metallic plate 4, as best shown in Fig. 4 of the drawings, the intermediate portion of the plate being provided with a longitudinal slot or opening 5, while opposite upstanding projections 6 are struck up from the end portion of the plate and located at equal distances from the respective ends thereof. This spreader-plate is applied longitudinally to the intermediate portion of the upper side of the crown-piece 1 and is secured thereto by means of a guard-strap 7, which is applied longitudinally across the spreader-plate and has its opposite ends projected beyond the latter and secured to the crown-piece in any suitable manner, preferably by being stitched thereto. In the middle of the guard-strap there is provided a longitudinal slot or opening 8, corresponding to the similar slot in the spreader-plate, and opposite perforations 9 are also formed in the strap, and corresponding to and for the reception of the respective projections 6. It will here be noted that the opposite checkrein-sections are located in the guide-loop formed between the spreader-plate, the guard-strap, and the adjacent projection 6, whereby the rein is free to move longitudinally through the guide and has but a slight lateral movement. By this arrangement the checkrein may move freely with the movement of the animal's head, and the opposite

sections of the rein are effectually maintained in a spread position and are also prevented from becoming caught or engaged with other portions of the bridle.

- 5 For the connection of the winker-stay 3 with the intermediate portion of the crown-piece there is provided an ordinary buckle 10, which has an attaching-strap 11, that lies transversely across the intermediate slotted
10 portion of the spreader-plate and is secured to the crown-piece by means of the opposite rivets 12, lying at opposite sides of the spreader-plate, there being a metal loop or ring 13 seated in the slot of the spreader-plate and
15 receiving the intermediate portion of the attaching-strap 11. The upper portion of this metal loop or ring is normally projected upwardly through the slot 8 in the guard-strap 7, and the upper end of the winker-stay 3 is
20 engaged with the buckle and has its free end passed through the projected upward portion of the loop 13 and across the guard-strap, whereby the said loop forms a keeper for the free end of the winker-stay and the latter con-
25 nects the intermediate portion of the guard-strap to the crown-piece, so as to prevent displacement of the guard-strap from the up-
standing projections 6 of the spreader-plate.

From the foregoing description it will be
30 apparent that the present device is conveniently applicable to any ordinary harness-bridle without materially altering or changing the same, and when applied stiffens and strengthens the crown-piece and also forms a
35 combined guard and guide to permit of the necessary endwise movement of the checkrein and preventing lateral play thereof, so as to avoid catching or hanging of the rein in any part of the bridle.

40 What I claim is—

1. In a bridle, the combination with the crown-piece and a checkrein, of a spreader applied to the crown-piece and provided with opposite upstanding projections, and a guard-
45 strap lying longitudinally across the spreader with its opposite ends connected to the crown-piece and also provided with perforations corresponding to and receiving the respective projections, the intermediate portion of the
50 strap being secured to the crown-piece, and the opposite checkrein-sections lying in the respective guide-loops formed by the spreader, the adjacent projection thereof and the guard-strap.

55 2. In a bridle, the combination with a crown-piece, a checkrein and a winker-stay, of a checkrein spreader-plate applied to the crown-piece and provided with opposite upstanding projections, a guard-strap secured longitudi-
60 nally across the spreader-plate and connected at its opposite ends to the crown-piece, there being opposite perforations formed in the strap and for the reception of the respective projections, the opposite sections of the check-
65 rein lying in the respective loops formed by

the spreader-plate, the adjacent projection and the guard-strap, a buckle secured to the intermediate portion of the crown-piece, an upstanding loop or keeper projected through
70 the guard-strap, the upper end of the winker-stay being engaged with the buckle and passed through the loop or keeper and over the guard-strap to connect the intermediate portion of the latter to the crown-piece.

3. A checkrein-guide consisting of a crown-
75 piece, a spreader-plate applied thereto and having opposite lateral projections located inwardly from the respective ends thereof, a guard-strap arranged longitudinally across the plate and having its ends projected be-
80 yond the latter and connected to the crown-piece, and also having opposite perforations corresponding to and for the reception of the respective projections, and also provided with an intermediate longitudinal slot or opening,
85 a buckle having an attaching member arranged to lie across the intermediate portion of the spreader-plate, and a loop or keeper receiving the said attaching member and projected through the intermediate slot of the
90 guard-strap.

4. In a harness-bridle, the combination of a crown-piece, opposite upstanding projec-
95 tions carried by and rising above the same, and a guard-strap applied longitudinally to the crown-piece and having its opposite ends only secured thereto and projected in opposite directions outwardly beyond the projec-
tions, the intermediate loose portion of the guard-strap being provided with perforations
100 corresponding to and for the reception of the respective projections, whereby checkrein guide-loops are formed between the respective projections and the adjacent portions of the crown-piece and guard-strap.
105

5. In a harness-bridle, the combination of a crown-piece, opposite upstanding projec-
110 tions carried by and rising above the same, a guard-strap applied longitudinally to the crown-piece and having its opposite ends projected outwardly in opposite directions beyond the projections, the loose intermediate
portion of the strap being provided with perforations corresponding to and for the recep-
115 tion of the respective projections, and a winker-stay connection carried by the crown-piece and located between the projections, and also provided with an upstanding loop or keeper projected through an opening in the
120 intermediate portion of the guard-strap and constructed for the reception of the free end of a winker-stay.

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

AMOS E. POLLARD.

Witnesses:

R. A. MORTLAND,
H. B. DRYDEN.