

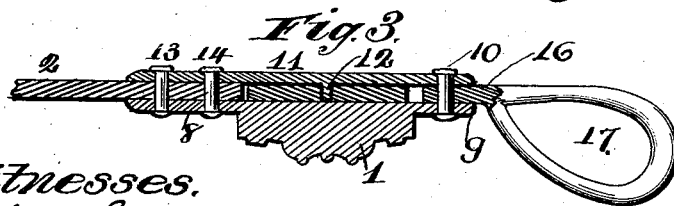
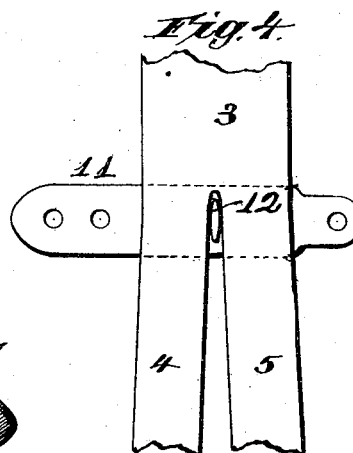
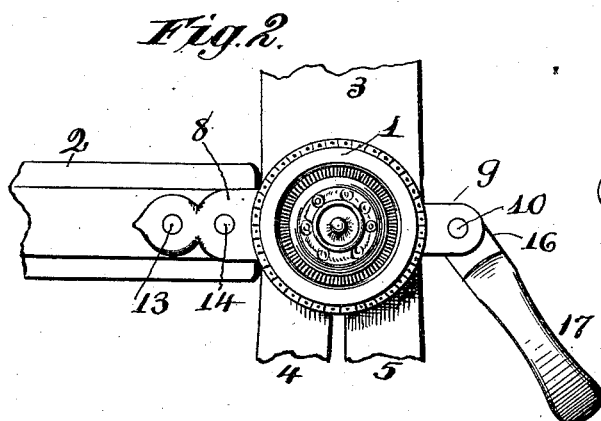
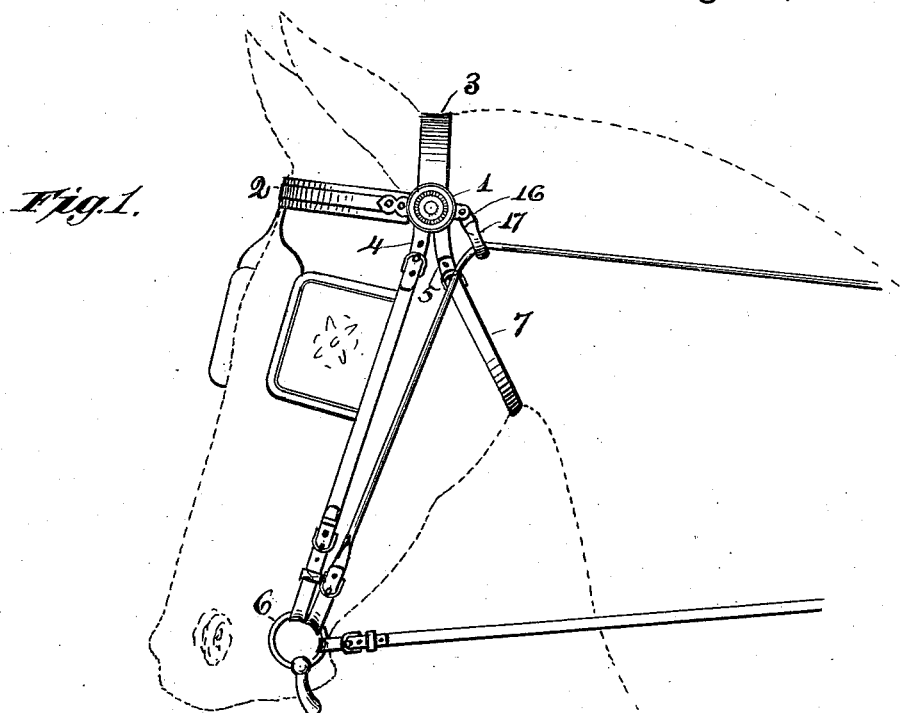
(No Model.)

H. H. BRANDES.

HARNESS BRIDLE ATTACHMENT.

No. 347,464.

Patented Aug. 17, 1886.



Witnesses.

Robert Emmett,
Chas. D. Fildes

Inventor:

Henry H. Brandes

By

W. C. Langan *Atty.*

UNITED STATES PATENT OFFICE.

HENRY HERMAN BRANDES, OF CORYDON, KENTUCKY, ASSIGNOR OF ONE-HALF TO ALEXANDER P. FLOYD, OF SAME PLACE.

HARNESS-BRIDLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 347,464, dated August 17, 1886.

Application filed March 16, 1886. Serial No. 195,392. (No model.)

To all whom it may concern:

Be it known that I, HENRY HERMAN BRANDES, a citizen of the United States, residing at Corydon, in the county of Henderson and State of Kentucky, have invented new and useful Improvements in Harness-Bridles and Gag-Runners for the Same, of which the following is a specification.

My invention relates to gag-runners for harness-bridles; and the purpose thereof is to provide a simple, durable, and efficient device for carrying the check-rein, and one which may be so combined with the rosette as to afford a firm support for the runner and a strong fastening for the crown and brow band, the former being constructed with a double billet.

My invention consists in the several novel features of construction and combinations of parts hereinafter fully described, and definitely pointed out in the claims annexed to this specification.

Referring to the drawings, forming part of this application, Figure 1 is a side elevation of a complete bridle in which my invention is embodied. Fig. 2 is a partial side elevation, enlarged, of the rosette and adjoining parts. Fig. 3 is a horizontal central section of Fig. 2. Fig. 4 is an elevation of the inner face of the rosette, the fastening-plate being removed.

In the said drawings, the reference-numeral 1 designates the metal rosette, which is placed at the point of junction between the brow-band 2 and the crown-strap 3.

I apply my invention to that form of bridle in which the crown band or strap is divided, below the rosette, into two billets, 4 and 5, the one running to the bit-ring 6 and the other connecting with the throat-latch 7.

Formed integral with, or rigidly and strongly attached to, the rosette-plate I provide a forwardly-projecting piece, 8, and a rearwardly-projecting portion, 9, which may be of slightly less length, and in the former I place two apertures for rivets, and in the latter I form an opening adapted to receive a pivot-pin, 10. Upon the back of the rosette-plate I place a strip, 11, formed separately and having a stud, 12, for a purpose presently to be shown. In the ends of this auxiliary plate I form openings for rivets and for a pivot-pin which correspond

with those formed in the attachments to the rosette-plate.

In assembling the parts the plate or strip 11 is placed behind the rosette-plate, with the flat stud 12 about central relatively to the rosette, and the brow-band 2 being inserted between the two, I pass rivets 13 and 14 through the same and through the openings in the plate 11 and the forwardly-projecting portion 8. Through the aperture at the other end of the strip or plate 11, I pass the pivot bolt or pin 10, engaging with the rearwardly-projecting part 9 on the rosette-plate. Upon this pivot I mount the shank 16 of a gag-runner, 17, which receives support between both of the supporting plates or parts, but is free to swing upon said pivot in the manner shown in Figs. 1 and 2. The crown-band having a double billet is then connected with the rosette-plate by passing the billets 4 and 5 down between the rosette and the strip or plate 11, said billets straddling the flat stud 12, as shown in Fig. 4. It will readily be seen that, if desired, the crown-band may be provided with a fastening positively uniting it to the rosette-plate; but ordinarily this will not be required.

It will readily be seen that by this invention I provide a simple, strong, durable, and convenient attachment for the gag-runner as well as the crown-band and brow-band, wherein the necessary play of the swivel is provided for, a strong connection of parts formed which cannot be removed by the horse rubbing, and which conduces to the neat and ornamental appearance of the bridle as well as to economy and durability of construction.

The rosette may be ornamented in any desired manner, and, if thought necessary, the projections 8 and 9 may also consist of ornamental portions struck up in dies integral with the rosette or formed separately and connected permanently therewith in any suitable manner.

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

1. In a harness-bridle, the combination, with the crown-band having a double billet at the ends, of a rosette-plate provided with a forwardly and rearwardly projecting piece, 100

and a rear strip or plate engaged with the
rosette-plate by rivets passing through the
brow-band, a gag-runner being mounted upon
a pivot-pin connecting the other end of the
5 plate with the rearward projection on the ro-
sette, substantially as specified.

2. In a harness-bridle, the combination,
with a rosette-plate having a forward and
rearward projection, of a separate strip lying
10 behind the rosette-plate and having a central
flat stud, a crown-band having double billets

at the ends, which straddle said stud, and a
gag-runner pivotally mounted on a pin car-
ried by said plates in rear of the crown-band,
substantially as specified.

In testimony whereof I affix my signature in
presence of two witnesses.

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HENRY HERMAN BRANDES.

Witnesses:

E. M. POLACK,

J. G. ADAMS.