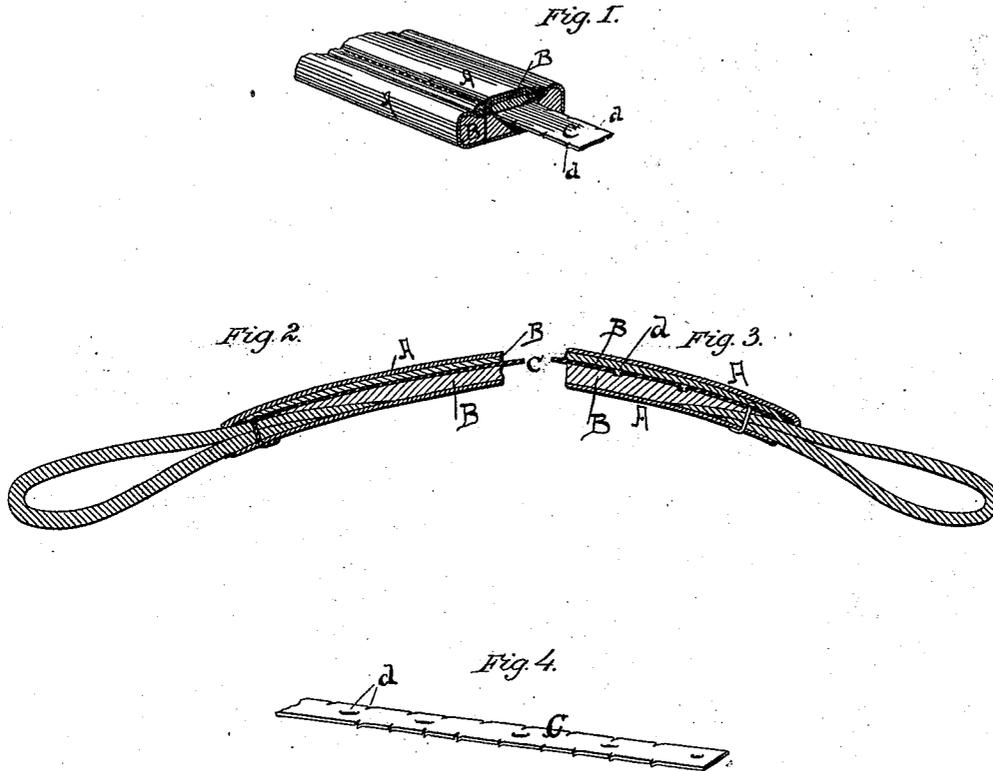


E. R. CAHOONE.
Brow-Band for Bridles.

No. 209,651.

Patented Nov. 5, 1878.



Attest:

Clarence Poole
A. B. Smith

Inventor:

E. R. Cahoon
By his atty
R. D. Smith

UNITED STATES PATENT OFFICE.

EDWIN R. CAHOONE, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN BROW-BANDS FOR BRIDLES.

Specification forming part of Letters Patent No. **209,651**, dated November 5, 1878; application filed August 28, 1878.

To all whom it may concern:

Be it known that I, E. R. CAHOONE, of Newark, Essex county, New Jersey, have invented a new and useful Improvement in Front or Brow Bands for Horse-Bridles; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, wherein—

Figure 1 is a perspective, and Figs. 2 and 3 are transverse sections, on a large scale, representing my improvement. Fig. 4 shows the stiffener detached.

The object of this improvement is to produce a front or brow band first-class in appearance and durability at a much cheaper price than has heretofore been accomplished; and to that end it consists, first, in a filling of paper, straw-board, vulcanized fiber, &c., and the employment with said filling of a metallic stiffening inclosed in said filling, whereby the required stiffness and permanency is secured with materials very cheap in themselves; second, in the serrations on said stiffening, for the purpose of making it adhere to the substance of the filling.

A is the covering-piece, which may be of leather or cloth; but leather is preferred. It may also be glazed or otherwise finished, according to preference.

B is the filling material, of vulcanized fiber, straw, paper, or other like fibrous substance, to give to the leather the proper proportions and appearance. To secure the filling in place, one or more rows of stitches are made, passing through and through both filling and cover; but it is well known that a slight use or a little wetting will destroy the cohesion of such material as straw-board or coarse paper, and then when once wet the strap so made would be thereafter useless unless re-enforced by some material not likely to be affected by such causes, such material as tin or other sheet metal, a strip, C, or strips of which may be folded in and inclosed by the fibrous filling, or placed against said filling and within the leather cover A. The band so made will be

sufficiently flexible for all purposes, and will be less affected by moisture or wet than the bands heretofore filled with leather, while the cost will be very much less.

I am aware that a shaping-strip of sheet-zinc has been inclosed in a leather cover to make a front-band; but it is apparent that there is a material difference between that device, which depended upon its metallic strip for its form as well as for its stiffness, and mine, which depends upon an entirely different method.

I am also aware that a metallic strip has been used in connection with a leather-filled band; but that band was stiffer than a leather band without the strip, and also more costly, while mine is equally stiff and less costly.

My paper-filled band may be ornamented by stitching, as in the case of a leather band, which is not possible with the metallic-filled band.

In order to guard against the working or slipping of the filling B over the metallic strip C, I have provided the same with serrations *d*, either marginal or central, as shown, and these serrations enter and hold to the filling to effectually prevent any slipping of one upon the other.

Having described my invention, what I claim as new is—

1. As a new article of manufacture, a brow-band composed of a leather cover, a filling of paper or vulcanized fiber, and an embedded strengthening-strip of metal, all substantially as set forth.

2. A brow-band for a horse-bridle, composed of an outer covering of leather or cloth, glazed or otherwise, and a filling of straw or other paper, combined with an inclosed strengthening-strip of metal having central or marginal serrations to penetrate and hold to the filling, as set forth.

EDWIN R. CAHOONE.

Witnesses:

R. D. O. SMITH,
WM. READ.