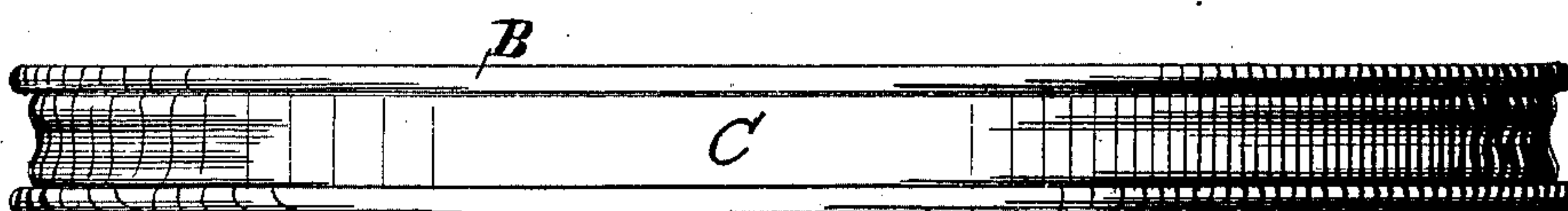


E. R. CAHOONE.  
Brow-Band for Bridles.

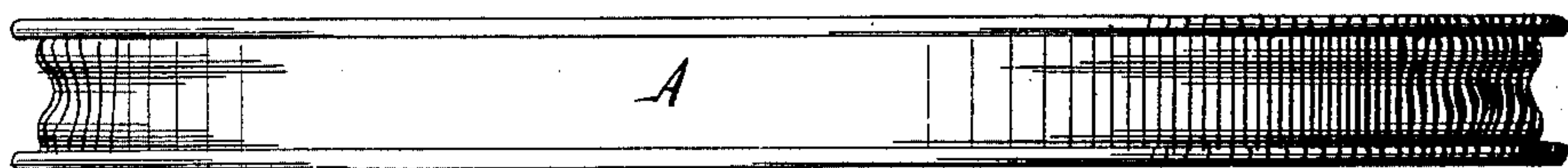
No. 223,030.

Patented Dec. 30, 1879.

*Fig 1*



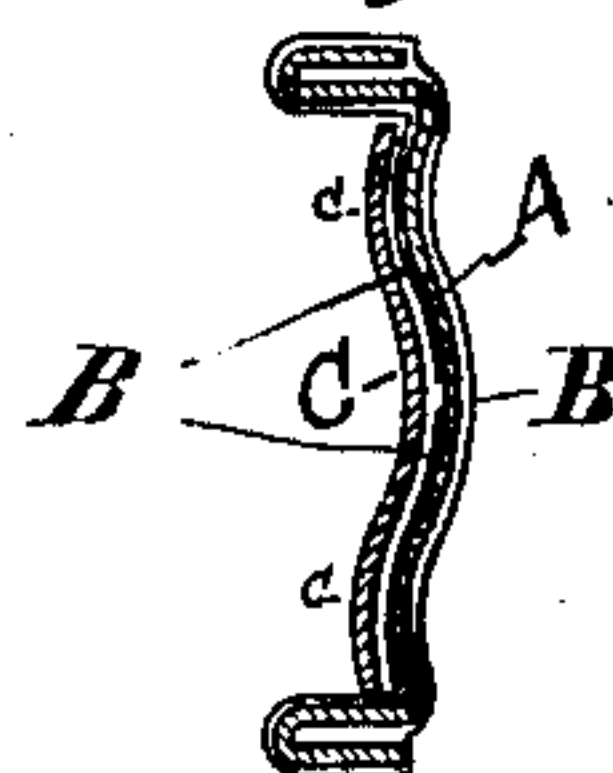
*Fig 2.*



*Fig 3.*



*Fig 4.*



*Witnesses:*  
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*Atty*

# UNITED STATES PATENT OFFICE.

EDWIN R. CAHOONE, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN BROW-BANDS FOR BRIDLES.

Specification forming part of Letters Patent No. **223,030**, dated December 30, 1879; application filed October 13, 1879.

*To all whom it may concern:*

Be it known that I, EDWIN R. CAHOONE, of Newark, Essex county, New Jersey, have invented certain new and useful Improvements in Brow-Bands for Bridles, of which the following is a specification.

This invention has for its object the production of a cheap, strong, and durable brow-band for bridles, which will at the same time present a neat and handsome appearance, and be susceptible of such ornamentation as may be desired; and the principal feature of the invention consists in corrugating a piece of suitable sheet metal, and then forming it into the proper shape for a brow-band, so that the leather and ornamental parts can be thereafter applied directly to the corrugated frame without the interposition of springs or other strengthening devices.

In the accompanying drawings, Figure 1 is a face view of a completed brow-band made according to my invention. Fig. 2 is a face view of the corrugated metal frame, and Fig. 3 is a transverse section thereof. Fig. 4 is a transverse section of Fig. 1.

Similar letters of reference indicate corresponding parts in all the figures.

In the drawings, A designates the corrugated metal frame, having its ends formed to receive the customary leather loops. B designates suitable covering material, and C an ornamental strip of metal or other suitable material having the corrugations *c c*.

The frame A consists of a piece of suitable sheet metal formed into the desired shape, and having its edges struck up and flanged inward, so as to leave room for the insertion of

an ornamental face or top piece. This frame A is provided with a series of longitudinal corrugations, *a a*, which extend nearly to the ends of the frame.

The strip C, which forms the top or face plate of the frame A, is also corrugated and bent to correspond with the corrugations and shape of the frame A.

In manufacturing these brow-bands, after the metal frame A is completed it is covered with leather or other suitable material, or japanned, the loops inserted in the ends, and the corrugated ornamental strip C inserted in the frame, and the whole fastened at the ends by means of ordinary rivets, which pass through the strip C, loops, and frame A.

By corrugating the frame A, I give it sufficient strength without necessitating the use of springs or other strengthening devices, and thereby effect a considerable saving in the cost of manufacture.

I claim as my invention—

1. The within-described improved brow-band, composed of the corrugated metal foundation piece or frame A, having its edges struck up and flanged inwardly, in combination with the face-strip C, corrugated to register with the corrugations of the frame A, substantially as herein shown.

2. The corrugated metal foundation piece or frame A, having its edges struck up and flanged inwardly for the purpose specified, as shown and described.

EDWIN R. CAHOONE.

Witnesses:

E. C. WEBB,

E. A. SHORTER.