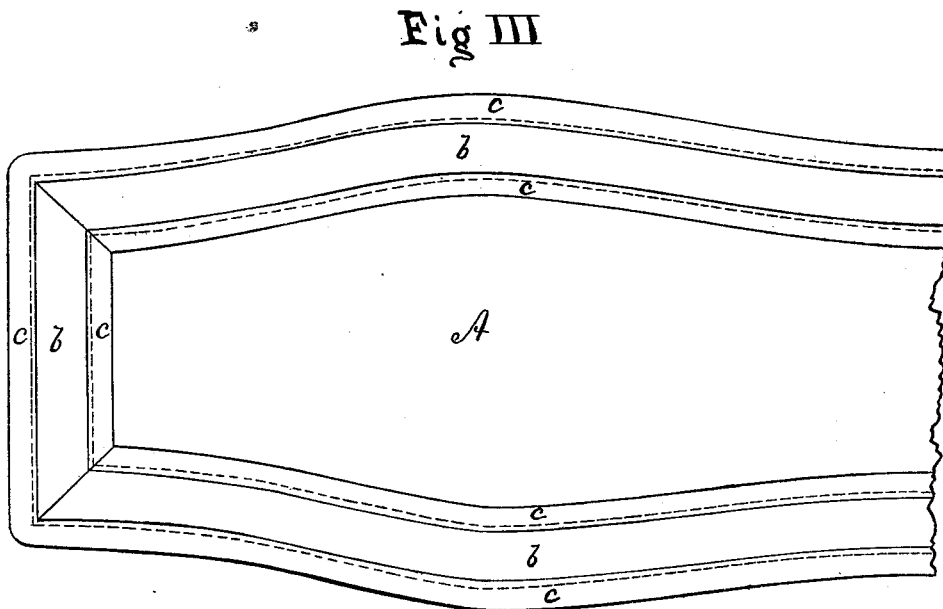
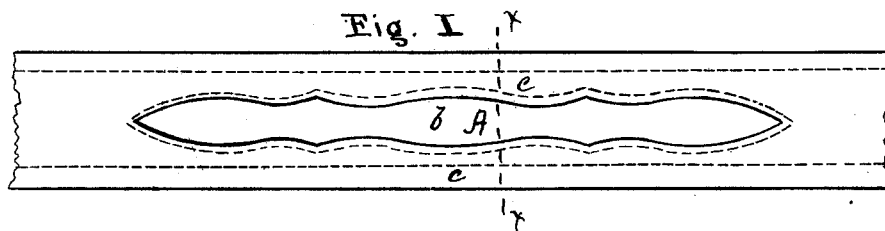


R. MANNING.  
Brow-Band.

No. 218,755.

Patented Aug. 19, 1879.



Attest.  
C. Herr  
Charles F. Pell

Inventor.  
Robert Manning.  
By O. Drake, Atty.

# UNITED STATES PATENT OFFICE.

ROBERT MANNING, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN BROW-BANDS.

Specification forming part of Letters Patent No. **218,755**, dated August 19, 1879; application filed May 29, 1879.

*To all whom it may concern:*

Be it known that I, ROBERT MANNING, of the city of Newark, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Articles of Combined Leather and Metal; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates more especially to bridle-fronts, pad-housings, dog-collars, and the like; the object of which is to fasten to the leather more securely and perfectly the thin metallic strips which are sometimes used for stiffening or ornamenting said bridle-fronts and other outside portions of leather goods, and also to impart increased beauty and strength to the same.

The accompanying drawings illustrate the nature of the invention, in which—

Figure 1 is a plan view of the front portion of a bridle-front. Fig. 2 is a section of the same, taken through line *x*; and Fig. 3 represents a plan view of a pad-housing embodying my improvement, similar letters of reference indicating corresponding parts in each of the several figures.

*A* is the leather body of the bridle-front or pad-housing. *b* is the metal strip, and *c* is the leather binding or fold covering the edges of the same, the stitching being represented by the dotted lines.

In making such articles it has heretofore been the custom to rivet the leather and metal together; but this has proved defective, as it is practically impossible to secure the whole edge of the material by means of rivets, which stiffen the article, and in a little while the edge between the rivets curls up, dirt, hairs, &c., get beneath, and the article in a little while is defaced.

My invention consists in securing the overlapping leather along the outer edge by a flexible attachment, so that nothing can get between the same and the metal, which is best effected by sewing, as shown, the stitches yielding with the leather, so as not to increase the stiffness of the same.

In carrying out the invention, I insert a thin strip, *a*, of brass, nickel, or other metal, of whatever length and width may be required, and fold or bind the leather *b* over it, as represented in the drawings, and sew it in a machine in the same manner as if the metal strips were not inserted, the needle passing through both leather and metal simultaneously, as indicated by the dotted lines in the drawings.

The advantages of this method of securing the metal to the leather, other than those already mentioned, are that it saves time and labor, and is therefore less expensive.

It may be added that the metal does not need to be perforated before being sewed, as the needle will pass without difficulty through metal amply thick enough for the purposes designated, and the metal being confined between the leather portions prevents it from cutting the thread.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A brow-band consisting of a strip of metal and a strip of leather folded over the edges of the metal, to expose the latter between the edges of the leather, all as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 23d day of May, 1879.

ROBERT MANNING. [L. S.]

Witnesses:

OLIVER DRAKE,  
CHARLES H. PELL.