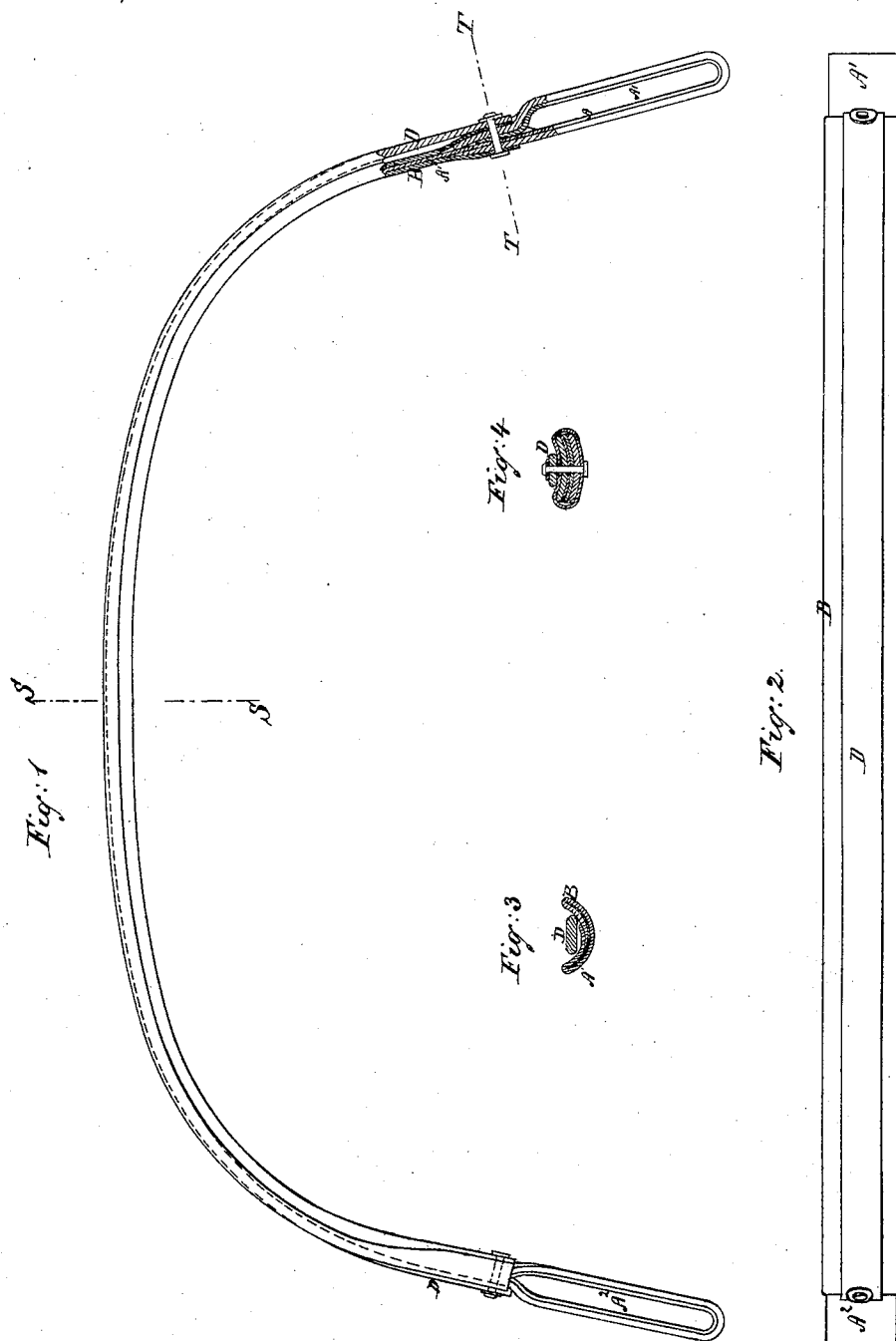


F. MEINBERG.

Brow-Bands for Bridles.

No. 134,213.

Patented Dec. 24, 1872.



Witnesses:

C. Rastig
Wm. C. Dey.

Inventor:

Franz Meinberg
by his attorney, T. S. Sutton

UNITED STATES PATENT OFFICE.

FRANZ MEINBERG, OF NEW YORK, N. Y.

IMPROVEMENT IN BROW-BANDS FOR BRIDLES.

Specification forming part of Letters Patent No. **134,213**, dated December 24, 1872.

To all whom it may concern:

Be it known that I, FRANZ MEINBERG, of New York city, in the State of New York, have invented a certain Improvement in Front Bands, of which the following is a specification:

My improved band may be highly ornamental, while stronger and cheaper than any ordinary construction.

To carry out the invention I take a strip of sheet-zinc, and work a sufficient length of it, by tinners' rolls, into a trough-like section, giving it, at the same time, the proper bend for a front band. A considerable length of flat or untreated metal should be left at each end, which is afterward or previously bent around by hand or by machinery to form a loop adapted to receive the up-and-down portion of the head-stall. The loop should correspond closely in size to the thickness of the leather which extends up and down, so as to embrace it with tolerable tightness.

The accompanying drawing forms a part of this specification.

Figure 1 is a top view, partly in section. Fig. 2 is a front view. Fig. 3 is a cross-section on S S, and Fig. 4 is a cross-section on T T.

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

A is the metal spring, bent and made trough-like in section, as above described. A¹ A² are the loops formed in the same metal at each end, and adapted to embrace the upright portion of the head-stall. I paste or otherwise cement upon the spring A a covering, B, of patent-leather or other suitable leather, of sufficient width to allow its edges to nearly or quite meet around the spring. I arrange this

leather so that the abutting edges are in the hollow front side; or, in other words, in the interior of the trough. This being completed, and the same leather or other leather being extended properly around the ends or loops A¹ A², the head-stall is finished by bedding in the trough (so as to cover the raw edges of the leather) a narrow ornamental band, D. The band D may be of bright red or other gay-colored leather; or it may be of brass or silver-plated metal. Its ends being properly riveted, the front band is completed.

It will be observed that the main leather B is attached without a necessity for stitching; and that the spring A is in a form to give great strength with a small quantity of material. The loops A¹ A² make a stiff and strong junction of the band with the other portions of the head-stall.

I claim as my invention—

1. The sheet-metal browband spring A A¹ A², formed concave, and adapted to receive the covering material and front ornament, as specified.

2. A concave sheet-metal spring, inclosed in a suitable covering material, cemented, as shown, with the abutting or overlapping edges in the concave front, in combination with the decorative material D arranged in the concave front, all as and for the purpose herein set forth.

In testimony whereof I have hereunto set my hand this 9th day of September, 1872, in the presence of two subscribing witnesses.

FRANZ MEINBERG.

Witnesses:

WM. C. DEY,
C. RAETTIG.