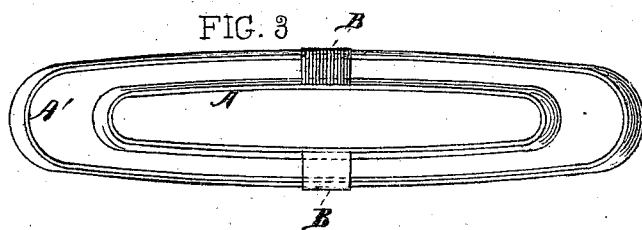
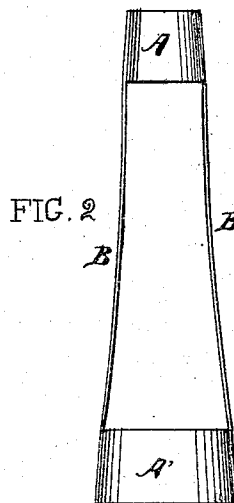
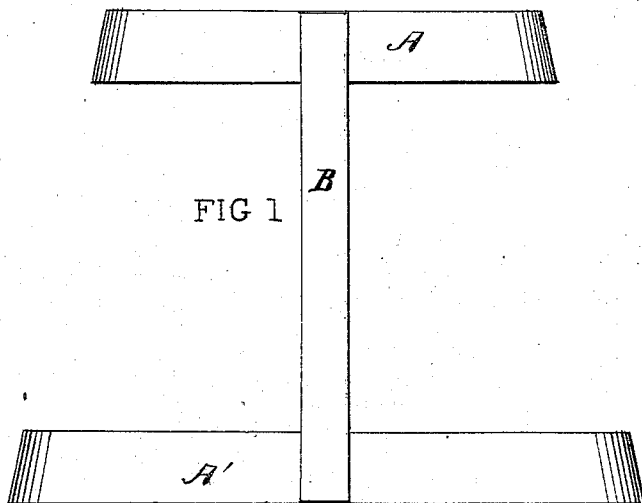


JOSEPH H. SUBERS & JAMES H. TROUP.

Improvement in Broom Bridles.

No. 120,122.

Patented Oct. 17, 1871.



WITNESSES

Isaac Kinsley
Thomas & Bailey

INVENTORS.

Joseph H. Subers
James H. Troup
By Their Attorney
Stephen W. Stick

UNITED STATES PATENT OFFICE.

JOSEPH H. SUBERS AND JAMES H. TROUP, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN BROOM-BRIDLES.

Specification forming part of Letters Patent No. 120,122, dated October 17, 1871.

To all whom it may concern:

Be it known that we, JOSEPH H. SUBERS and JAMES H. TROUP, of the city and county of Philadelphia and State of Pennsylvania, have invented certain Improvements in Broom-Bridles, of which the following is a specification:

Our invention consists in the combination of two or more vertical strips of tin or other metal with two metallic bands, in such a manner as to keep the said bands the proper distance apart to form the bridle of the broom, as hereinafter described.

Figure 1 is a side elevation of the bridle. Fig. 2 is an edge elevation of the same. Fig. 3 is an end view.

Like letters in all the figures indicate the same parts.

We construct the bands A and A' of strips of tin or other sheet metal and connect them the proper distance apart by means of two or more vertical strips, B B. We confine the ends of the

strips B B to the bands A A' by means of solder or rivets, or other suitable mode. When rivets are used for fastening the ends of the said strips the ends of the bands may, if desired, be connected with one of them by the same rivets.

In the drawing, plain sheet-metal bands and strips are represented. We contemplate, however, corrugating or beading them when it is desirable to increase their strength, especially when the bridles are for very large brooms.

We claim as our invention—

As a new article of manufacture, a broom-bridle having two or more metallic strips, B, combined with the bands A and A', substantially in the manner and for the purpose set forth.

JOSEPH H. SUBERS.
JAMES H. TROUP.

Witnesses:

THOMAS J. BEWLEY,
STEPHEN USTICK.

(22)