

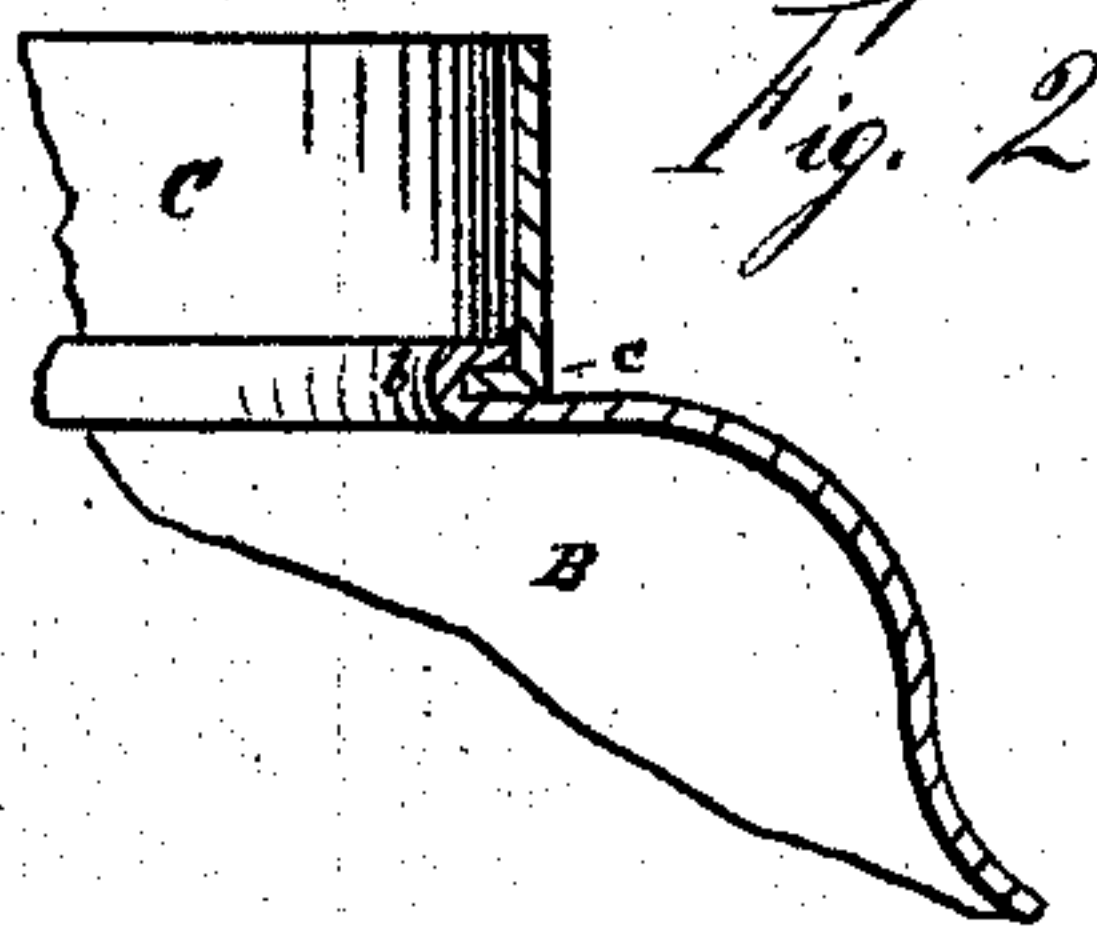
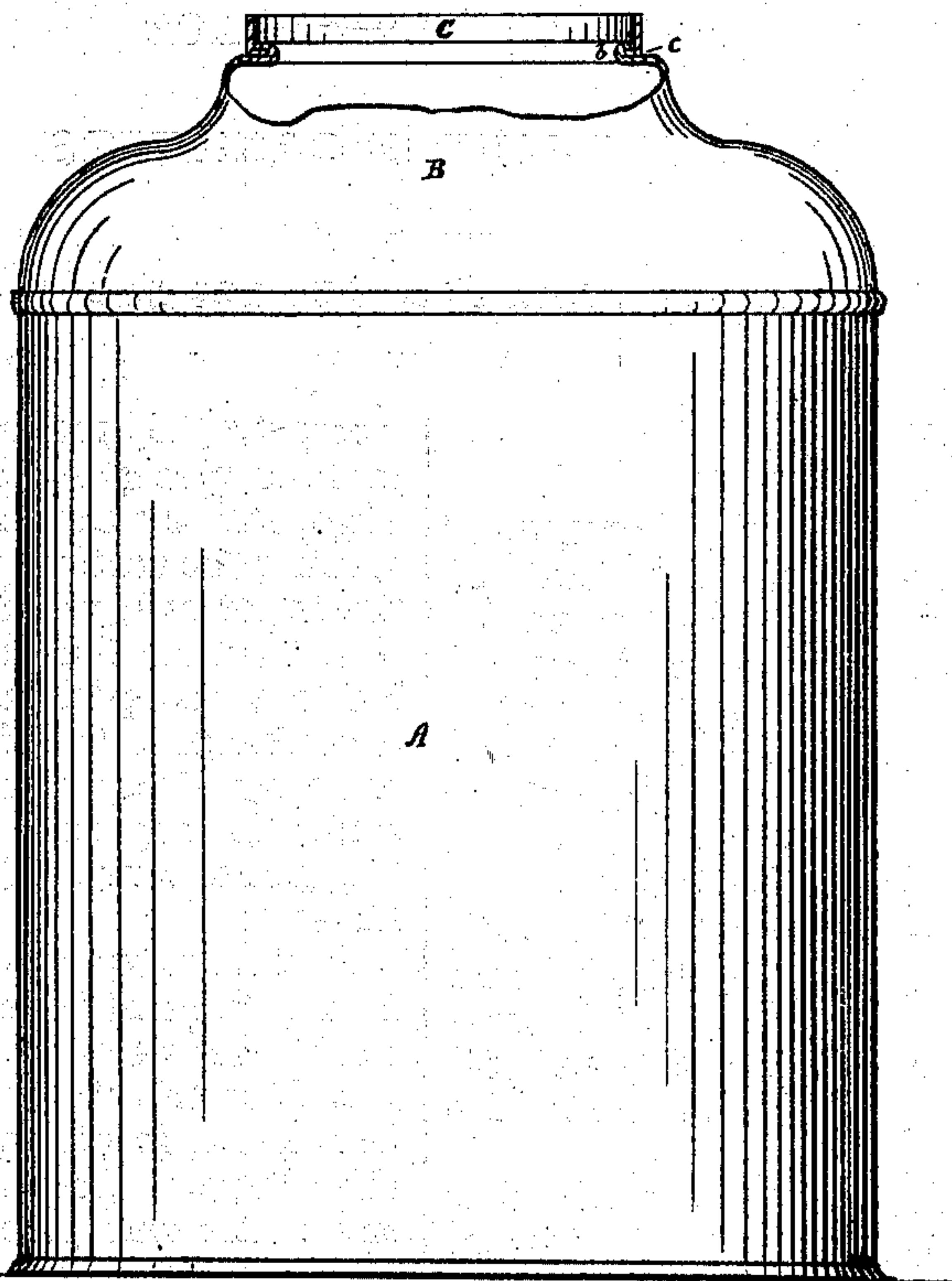
E. MATHER.

Improvement in Canisters.

No. 129,842.

Patented July 23, 1872.

Fig. 1



Witnesses

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UNITED STATES PATENT OFFICE.

EMMETT MATHER, OF CHICAGO, ILLINOIS, ASSIGNOR TO FRANK STURGES & CO., OF SAME PLACE.

IMPROVEMENT IN CANISTERS.

Specification forming part of Letters Patent No. 129,842, dated July 23, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, EMMETT MATHER, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Canisters, of which the following is a full, clear, and exact description, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, and in which—

Figure 1 represents a canister provided with my improvements, a part of the "hoop" and "breast" being broken away to show the construction of said parts; and Fig. 2, a vertical central section through the said parts, the same being enlarged.

My invention consists of a canister having a vertical flange raised about the mouth of the "breast," a horizontal flange laid down inwardly about the inner lower edge of the "hoop," which is made in one continuous piece, and these parts united without the use of solder by stamping or "setting down" the vertical over the horizontal flange. The "hoop" of canisters has heretofore been made of a metallic strip soldered together at the ends, and then either soldered to the raw edge of the mouth of the "breast" or to a vertical flange about the mouth, so as to form a seat for the cap. An objectional feature in making and uniting the "hoop" to the "breast" in this manner is that a ridge is made upon the "hoop," which prevents the cap from fitting it perfectly, and the ends frequently part, and the "hoop" is liable to become detached from the

"breast." By making the "hoop" in one continuous piece and laying a flange about its edge, and by uniting it to the "breast" by turning the vertical flange about the mouth of the latter over the flange of the "hoop," these objectionable features are not only avoided, but the "hoop" is more perfect in form, and is stiffened so that it retains its shape under ordinary circumstances; besides, the use of solder is dispensed with, thereby cheapening the manufacture of articles of the class referred to.

In the drawing, A represents the canister; B, the "breast;" and C, the hoop. *b* represents the vertical flange raised about the mouth of the "breast," and *c* the horizontal flange laid inwardly about the lower edge of the "hoop." This flanged "hoop" is made of one continuous piece of sheet metal, so as to fit nicely over the flange *b* and rest upon the "breast" B, in the manner shown. The flange A is then "set down" over the flange *c* so as to clamp the hoop firmly upon the "breast," as is clearly shown in Fig. 2.

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

A canister having its "hoop" made in one continuous piece, the latter having a horizontal flange about its lower inner edge, and united to the "breast," substantially as shown and described, and for the purposes specified.

EMMETT MATHER.

Witnesses:

N. C. GRIDLEY,
F. F. WARNER.