

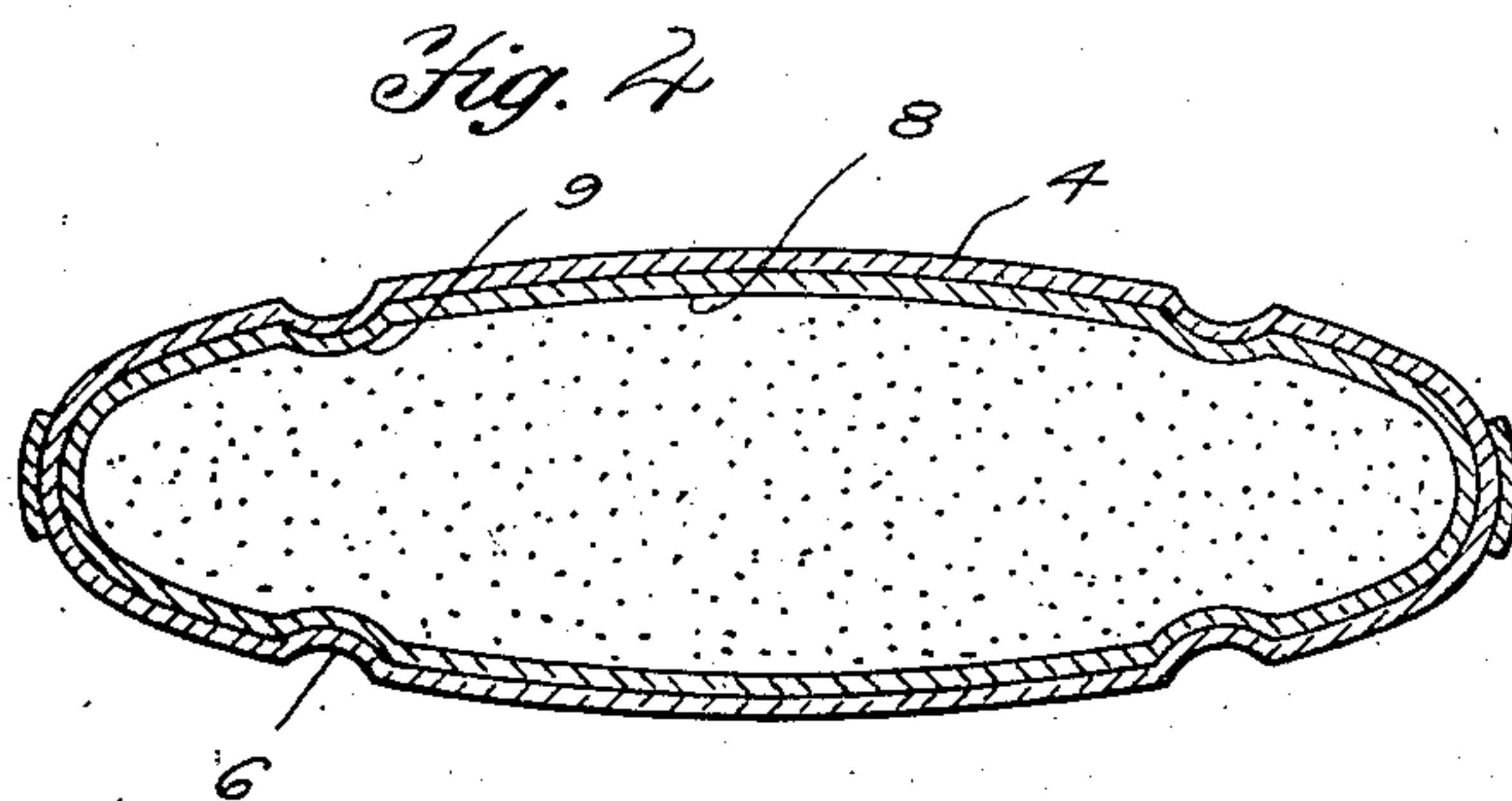
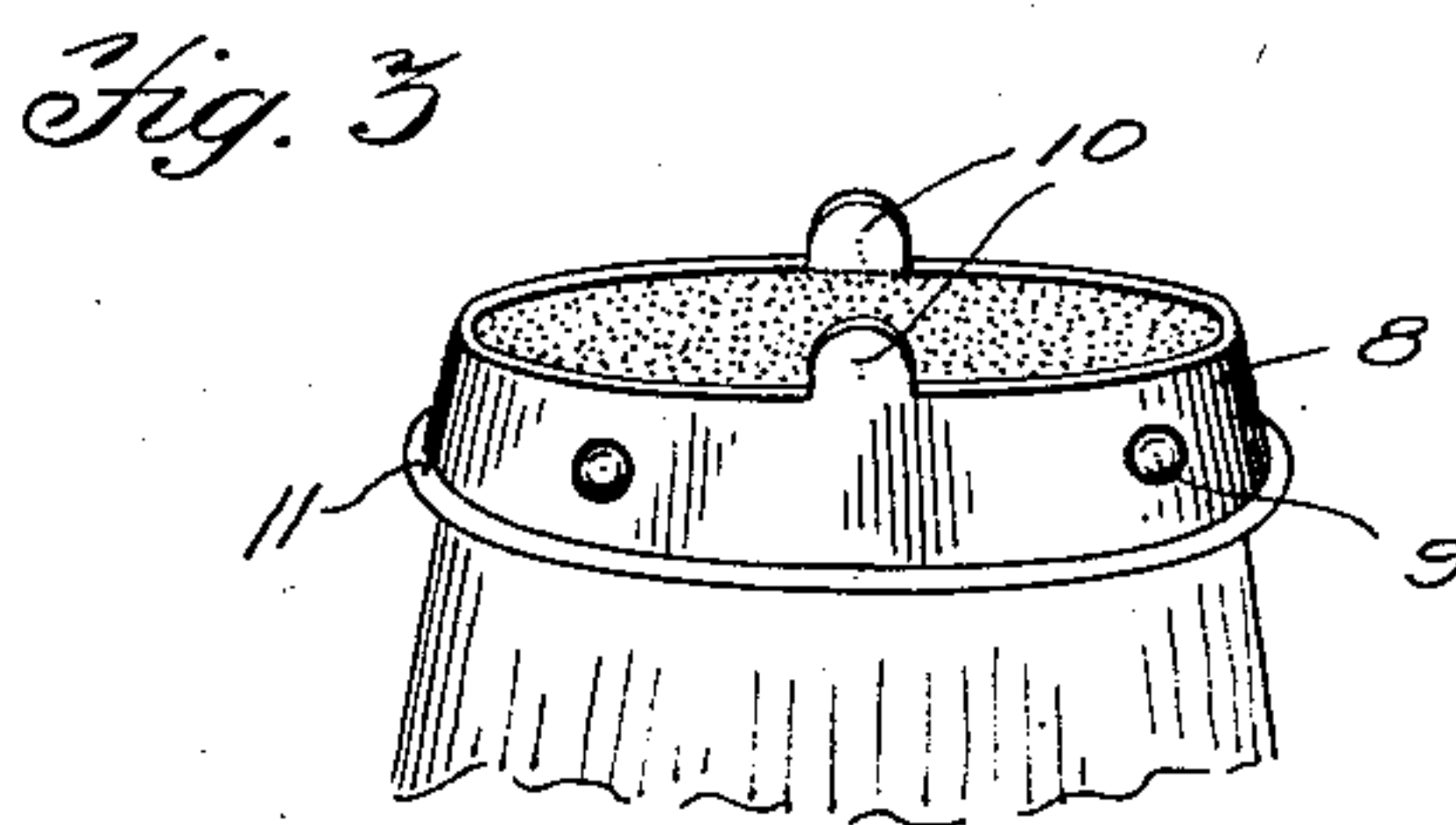
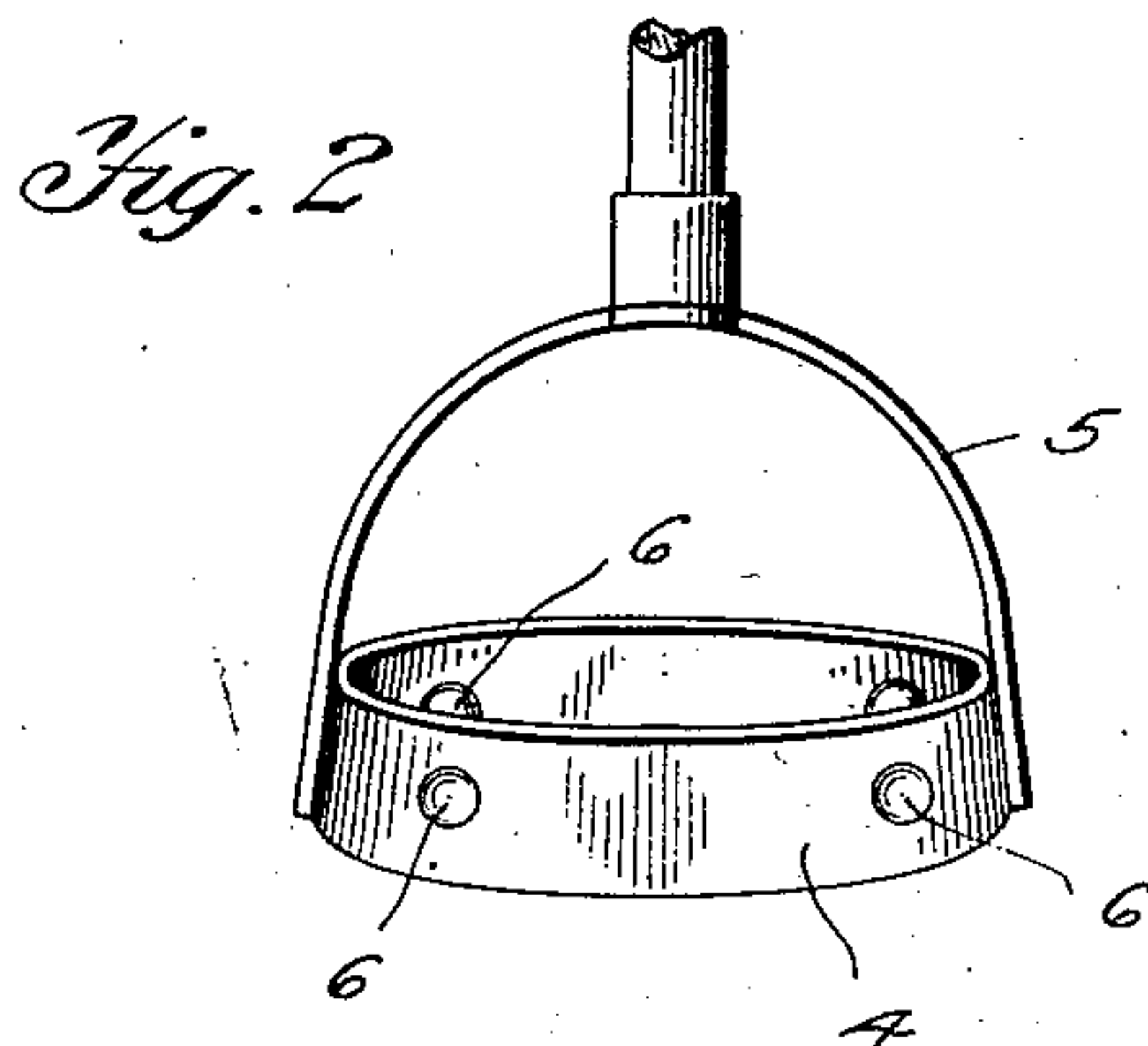
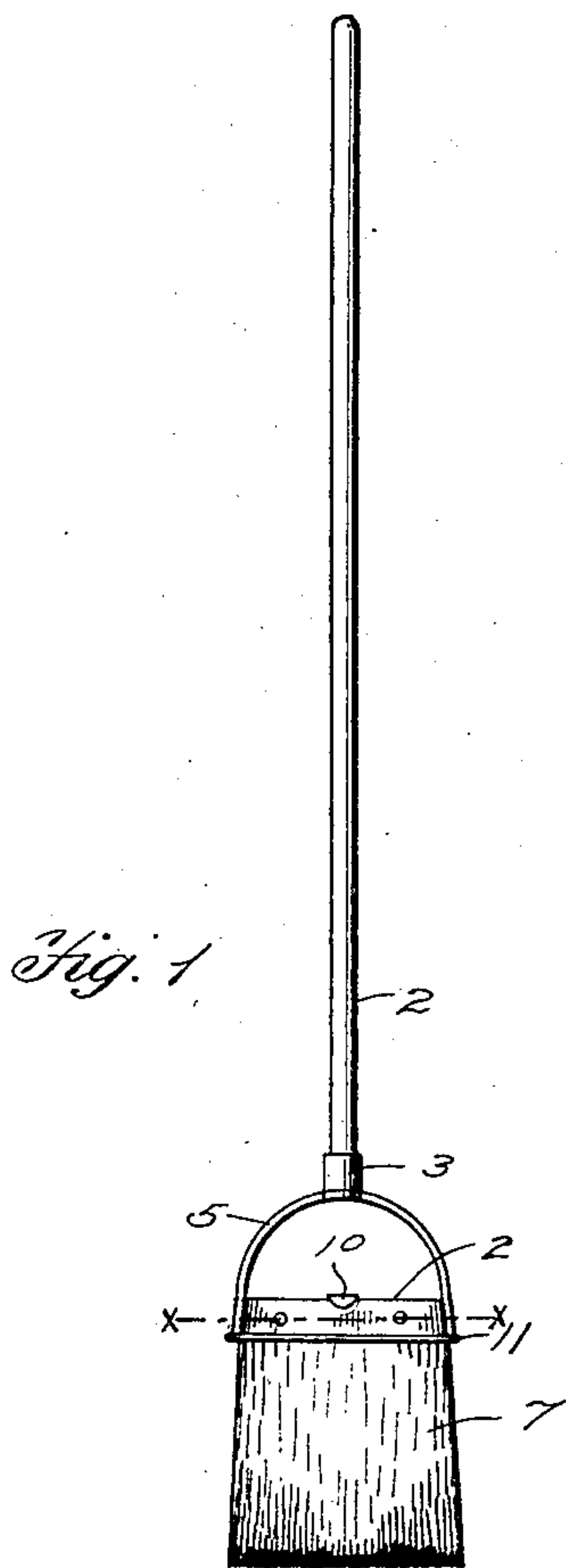
H. R. STEVENSON.

BROOM.

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925,243.

Patented June 15, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

HARLOW R. STEVENSON, OF MOOERS, NEW YORK.

BROOM.

No. 925,243.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HARLOW R. STEVENSON, a citizen of the United States, residing at Mooers, in the county of Clinton and State of New York, have invented certain new and useful Improvements in Brooms; 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.

My invention relates to brooms and particularly to that type having removable or interchangeable brushes.

It has for its object to simplify the construction and reduce the cost of a broom of this style while at the same time producing an article which is strong and durable and especially adapted for household use.

The invention consists in the features of construction and combinations of parts hereinafter described and specified in the claims.

In the accompanying drawing illustrating the preferred embodiment of my invention: Figure 1 is a side view of the broom when its parts are assembled. Figs. 2 and 3 are perspective views of the holder and brush separately, and Fig. 4 is an enlarged sectional view on the line $x-x$ of Fig. 1.

In carrying out my invention I construct a holder 1 which may be attached to the handle 2 by means of the socket piece or ferrule 3. Said holder comprises a band or loop 4 preferably made of metal and connected to the ferrule by rigid bent metal strips 5. Rounded projections 6 are formed on the band 4 preferably by pressing in the metal of which it is formed with suitable dies.

The separable brush 7 is provided with a head 8 preferably formed of a strip of metal surrounding and binding the upper ends of the straws or bristles of the brush. Said head 8 is adapted to fit into the band 4 of

the holder and is provided with depressions or sockets 9 which are preferably formed by pressing in the metal in a similar manner as the projections made on said band. These projections are rounded so that they will readily snap into place in the sockets when the brush is placed in the holder as will be seen from Fig. 4.

As an additional means of securing the brush in the holder, upwardly projecting lugs 10 are formed on the head 8 and are adapted to be bent down at opposite sides over the band of the holder. If necessary or desirable, a bead or projection 11 may be arranged at the lower edge of the head 8 and contact with the lower edge of said band of the holder when the brush is inserted therein to prevent said head from passing too far into or through said band.

I claim:

1. In a broom, the combination, with a holder adapted to be attached to a handle and comprising a band or loop, of a separable brush provided with a head adapted to fit into the band of the holder, and lugs on said head adapted to be bent down over said band for securing the brush to the holder.

2. In a broom, the combination, with a holder adapted to be attached to a handle and comprising a band or loop having projections extending inwardly therefrom, of a separable brush provided with a head adapted to fit into the band of the holder and having sockets to receive the projections on said band, and lugs on said head adapted to be bent down over said band for the purpose specified.

In testimony whereof, I affix my signature, in presence of two witnesses.

HARLOW R. STEVENSON.

Witnesses:

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