

(No Model.)

F. W. H. WEISHAUP.
BRIDLE FOR PAINT BRUSHES.

No. 468,405.

Patented Feb. 9, 1892.

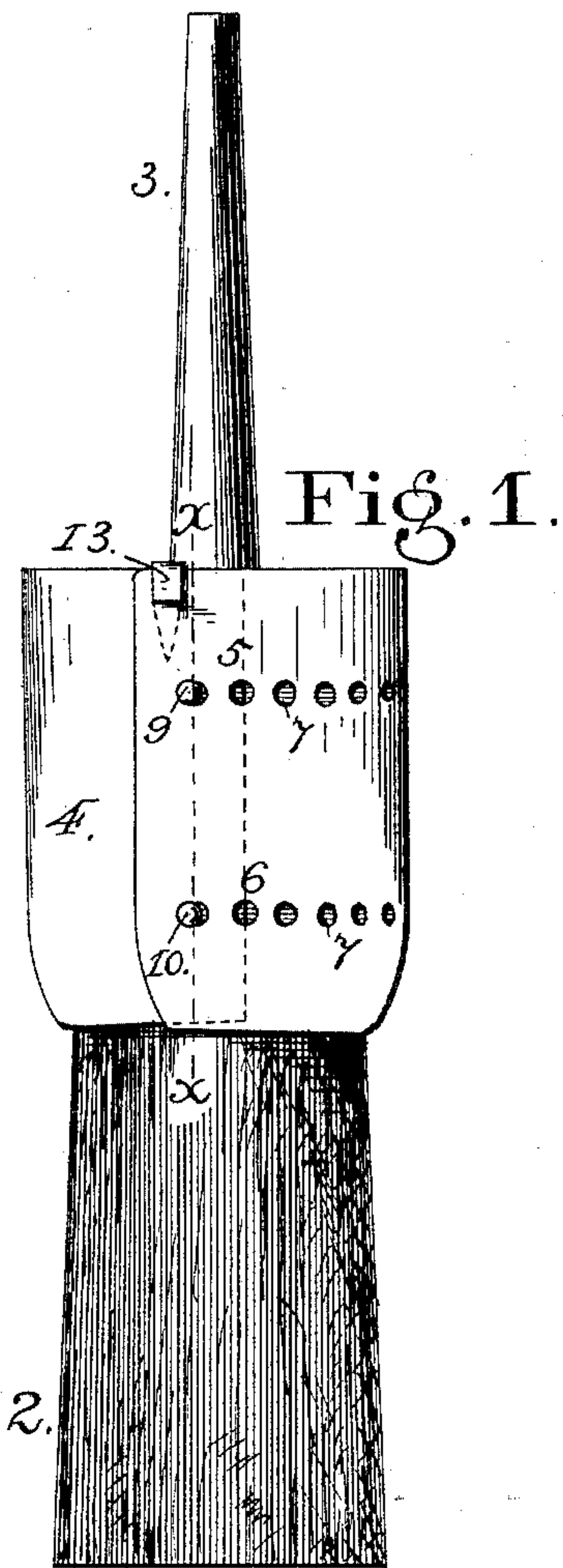


Fig. 2.

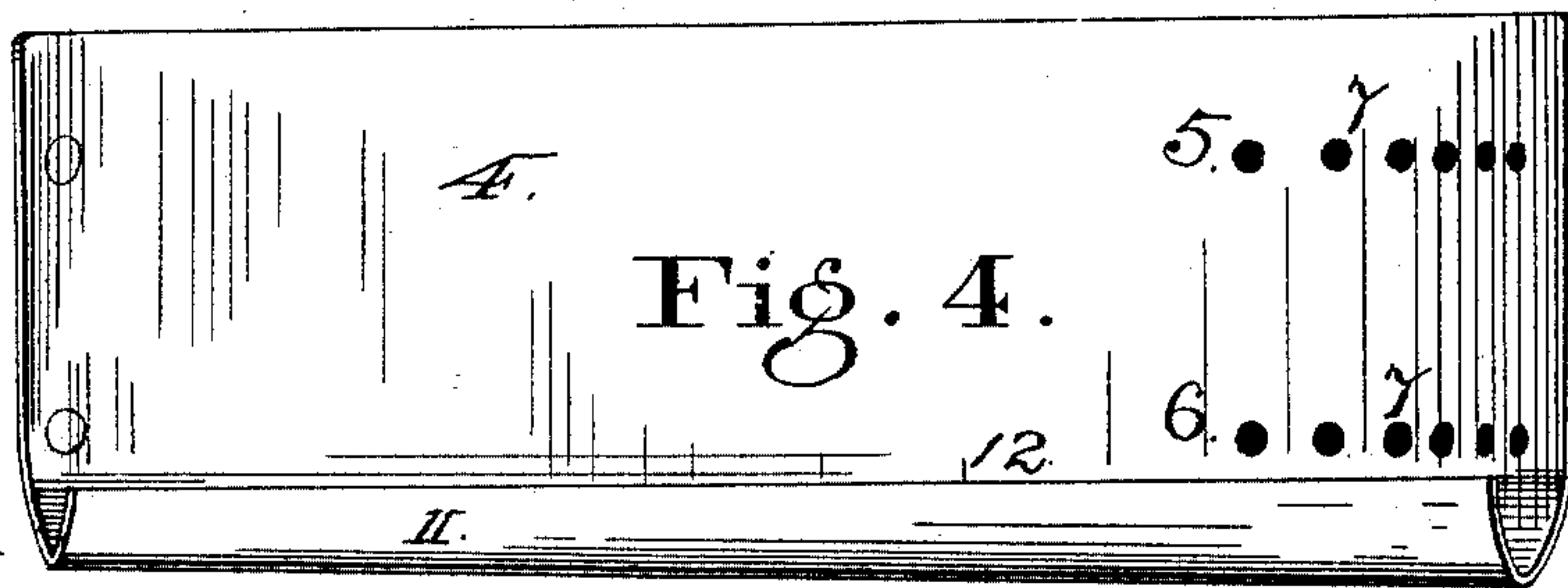
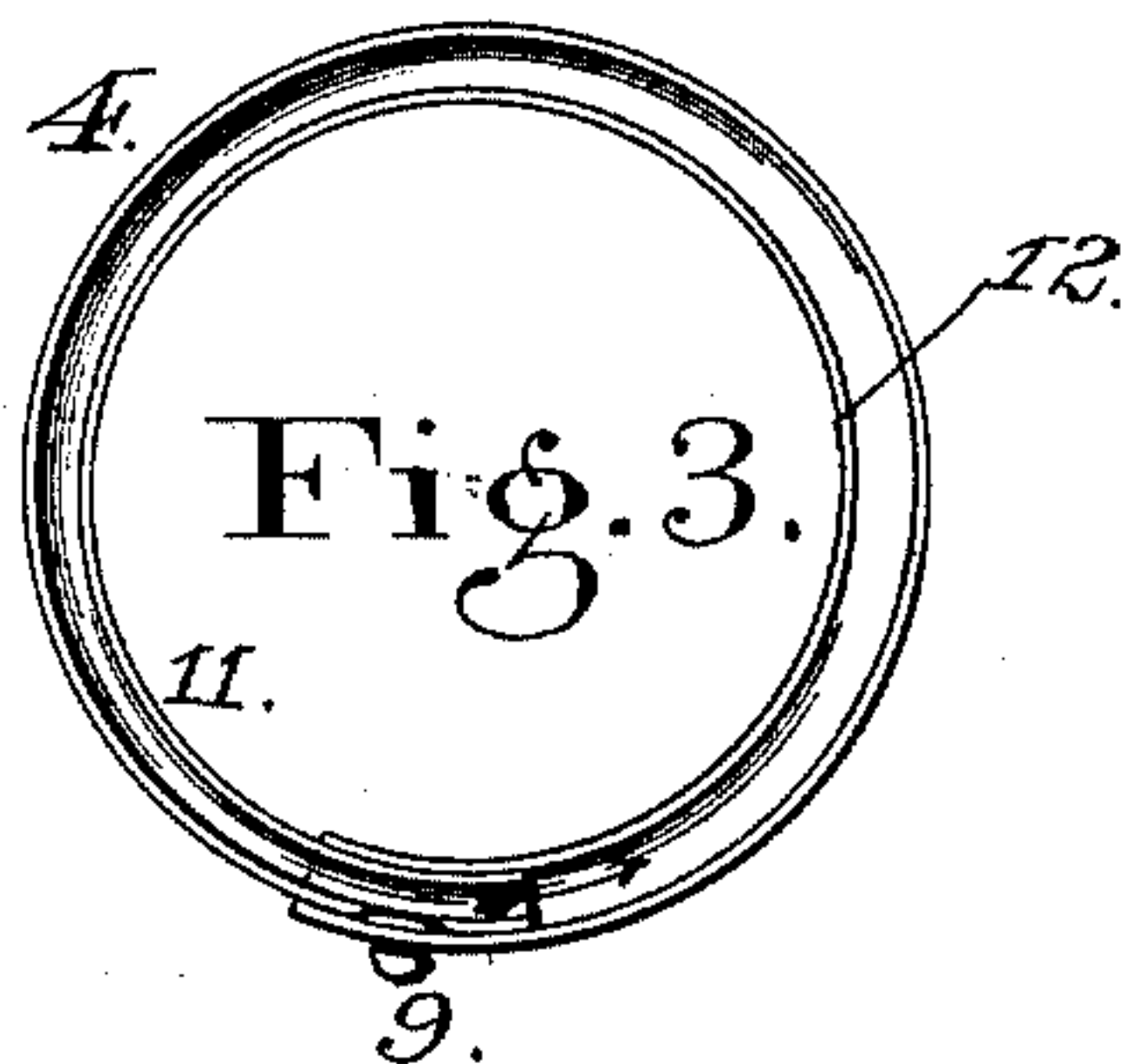
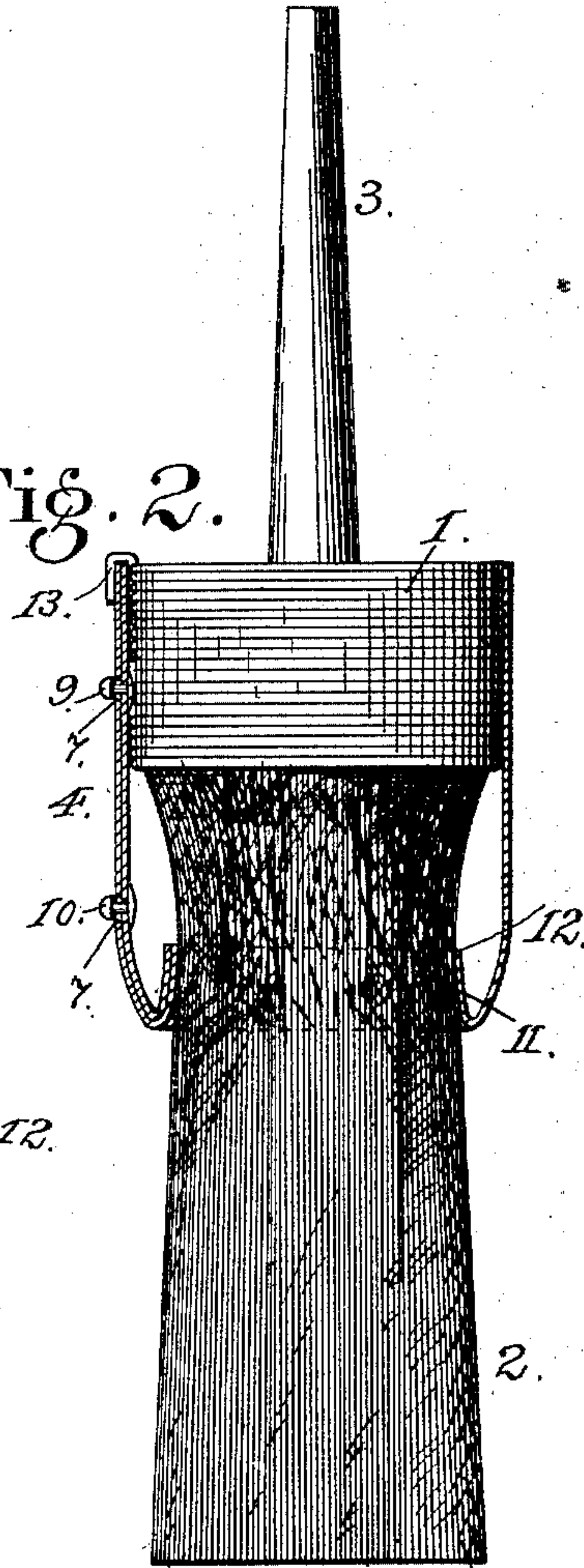
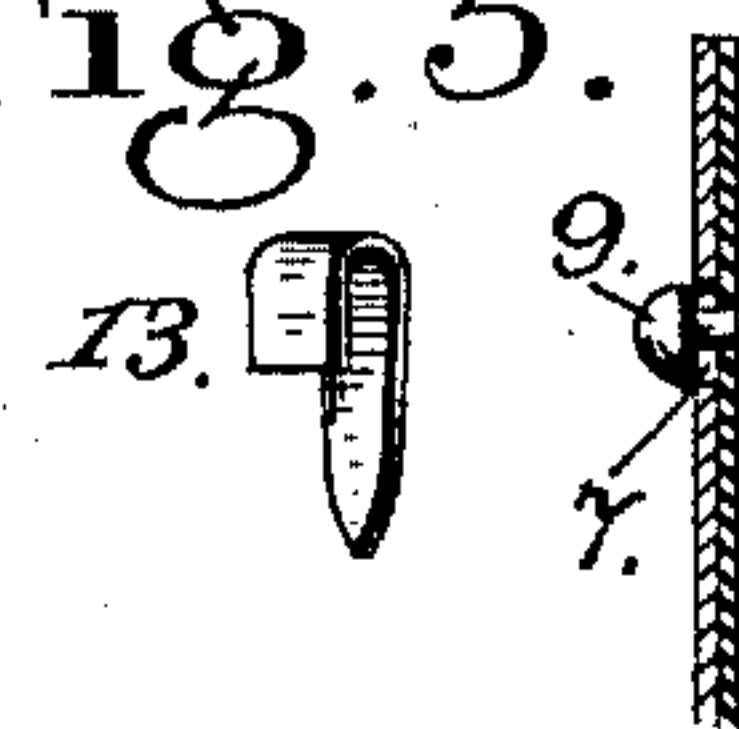


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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BRIDLE FOR PAINT-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 468,405, dated February 9, 1892.

Application filed August 12, 1891. Serial No. 402,431. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK WILLIAM HENRY WEISHAUP, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Bridles for Paint-Brushes; and I do 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 the figures of reference marked thereon, which form a part of this specification.

My invention relates to bridles for paint-brushes; and it consists in the construction and novel combination of parts, as hereinafter fully described, and particularly pointed out in the claim.

In the drawings, Figure 1 is a side elevation of a paint-brush embodying the improvements of my invention. Fig. 2 is a vertical sectional view taken through the line *xx* of the metallic bridle. Fig. 3 is a top plan view of the metallic brush-bridle. Fig. 4 is a face view of the blank from which the bridle is made. Fig. 5 is a detail view of the securing-hook and of one of the adjusting-buttons in place in the lap-joint of the metallic bridle.

Referring by numerals to the accompanying drawings, 1 designates the brush-head, which may be of any of the ordinary well-known constructions.

2 is the brush-body, which is constructed of bristles in the usual manner, and 3 is the handle of the brush, which is also of the ordinary construction. The brush-bridle 4 in this instance is made of flexible metal, preferably sheet-brass; but other similar sheet metal may be used in its construction.

The bridle 4 is struck up from sheet metal and is provided with an upper set 5 and a lower set 6 of holes or eyes 7 for the reception of the upper and lower locking-buttons 9 and 10, which enable the operator to adjust and fit the bridle to brushes of different sizes by aligning any two of the holes that may be required and putting said buttons to place to hold the bridle in position. The lower edge of the expansible and yielding bridle is provided with an integral inwardly-protruding upturned annular flange 11, and at the same time the lower edge 12 is slightly

curved inwardly throughout its entire circumference, so that while the bristles of the brush-body 2 are firmly held in position, yet paint or oil cannot ascend above the bridle to an extent that will permit the base or head of the brush to rot away within an ordinary use or lifetime of the brush.

The integral upturned flange 11 is made sufficiently flexible to yield to the ordinary wear and tear of the brush while in use, and at the same time it exerts sufficient pressure upon the bristles to hold them in position to cause them to wear evenly and uniformly while in use.

The clamp 13 is employed in the top of the brush-body and bridle to keep the bridle in place and prevent it from riding up by use. This bridle may be applied to either a round or an oval brush, and is adapted to all sizes of brushes, from sash-tools to the larger-sized brushes. As it is constructed of metal, it will outlast and outwear the ordinary twine bridles or cloth bridles. Furthermore, it can be taken off or put upon a brush in about one minute's time, thereby permitting the brush to be cleaned oftener and more easily, and therefore preserving the life of the brush. It is very simple and is less liable to get out of order than the bridles ordinarily in use, and its cost is even less than the bridles ordinarily constructed.

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

In a bridle for paint-brushes, the combination, with a brush-head, a handle for the brush, and bristles seated in said brush-head and secured therein, of an open or lapping metallic binding-sleeve provided with aligned holes in its lapped portions and with its lower edge 12 turned inward and upward, adjusting-pins connecting said overlapping portions and engaging and compressing the brush-body by its upturned lower edge, and a clamp 13, seated in the top of the brush-head and engaging the lapped upper edges of the metallic binding-sleeve, substantially as specified.

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

FREDERICK W. H. WEISHAUP.

Witnesses:

THEO. MUNGEN,
FRANK M. BURNHAM.