

(No Model.)

W. MEERBOTT, Jr.  
FINGER RING.

No. 442,271.

Patented Dec. 9, 1890.

Fig. 1.

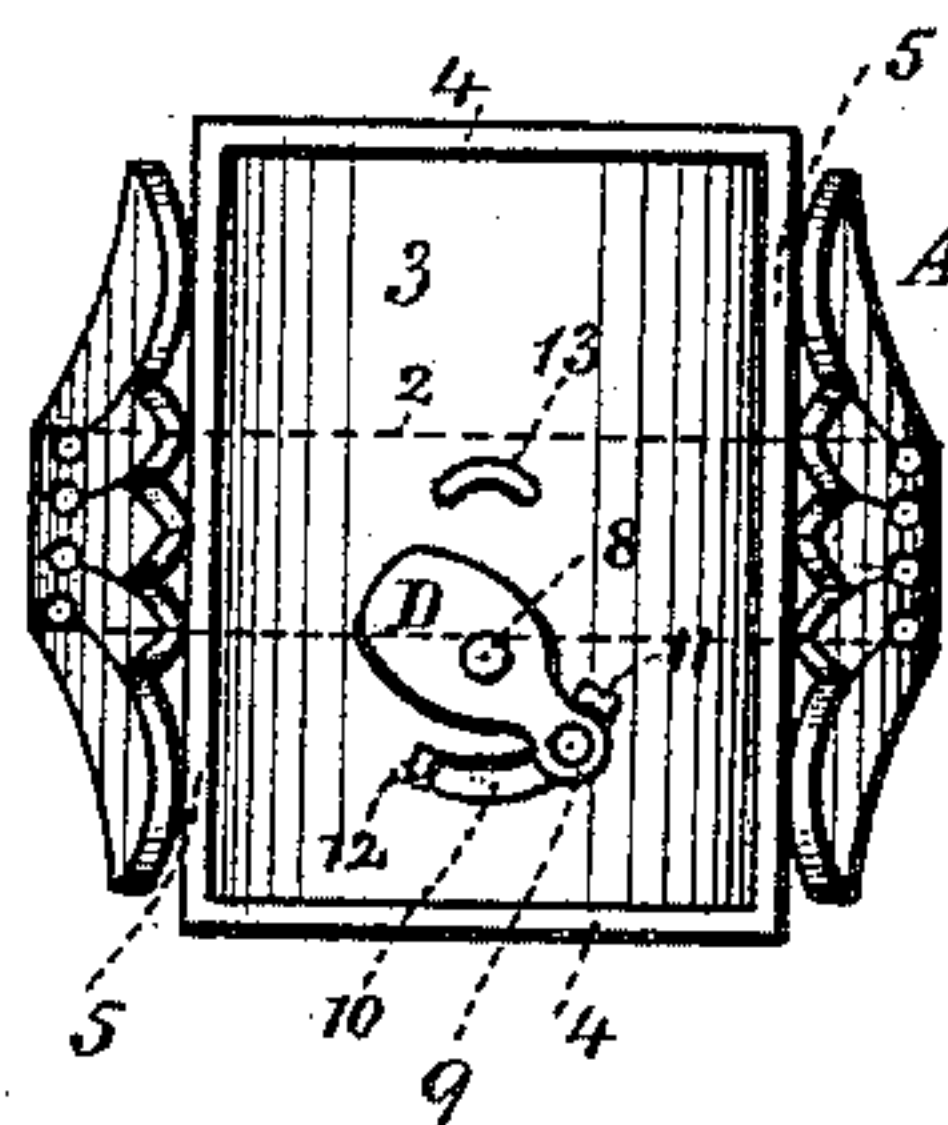


Fig. 2.

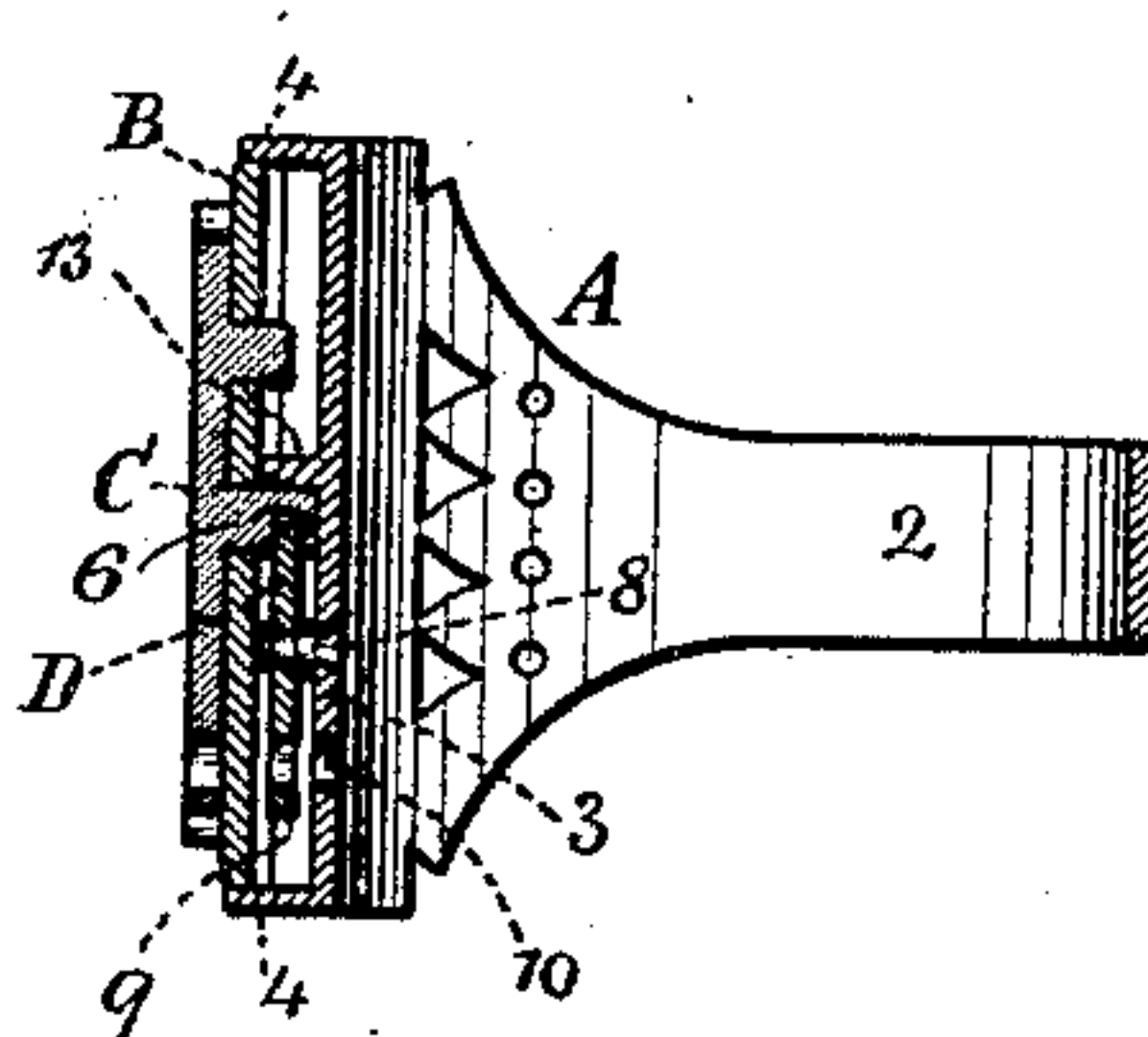


Fig. 3.

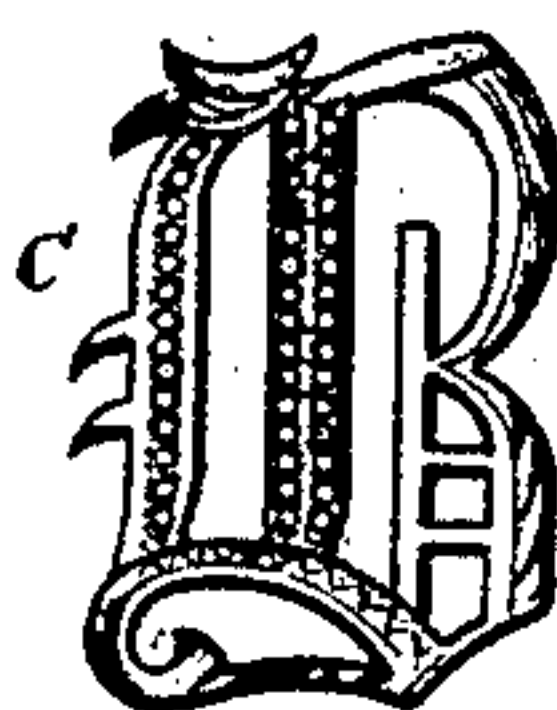
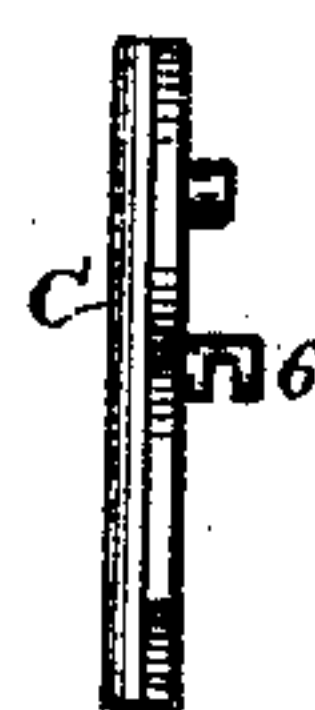


Fig. 4.



Witnesses:  
J. Staib  
Chas. H. Smith

Inventor:  
William Meerbott Jr.  
per Lemuel W. Purcell atty

# UNITED STATES PATENT OFFICE.

WILLIAM MEERBOTT, JR., OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO  
S. F. MYERS & CO., OF NEW YORK, N. Y.

## FINGER-RING.

SPECIFICATION forming part of Letters Patent No. 442,271, dated December 9, 1890.

Application filed June 21, 1890. Serial No. 356,221. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM MEERBOTT, Jr., a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented an Improvement in Attaching Ornaments to Rings and other Articles, of which the following is a specification.

In the manufacture of rings and similar articles of jewelry, letters, monograms, and other devices have been applied to the surface of the article, and the letter or monogram has been removable from the setting for the purpose of cleaning and also to allow for changing the letter or monogram that may be applied to the article.

In connecting the letter or monogram a screw has been entered through the back plate of the setting and passing into the letter or monogram; but this is objectionable because the appearance of the interior of the ring or other article is injured and the screw does not always have the proper hold upon the letter or monogram and a screw-driver is required for disconnecting the parts.

The object of the present invention is to simplify the connecting device between the letter or ornament and the ring or other article, so that the parts can easily be separated not only for changing the letter, monogram, or ornament, but also for cleaning the parts of the article. I connect with the letter or monogram a stud that passes through a hole in the stone or plate and is notched on one side, and upon the interior of the ring, between the base-plate and the stone, I introduce a lever of metal having a cam-shaped edge, and I provide a segmental opening through the base or back plate for the passage of a point by which the cam-lever can be moved and its edge swung into or out of contact with the notch of the stud, thereby providing for the easy connection or disconnection of the respective parts.

In the drawings, Figure 1 is a plan view of a ring and setting without the stone or monogram. Fig. 2 is a longitudinal section, Fig. 3 a detached face view, and Fig. 4 is an edge view, of the monogram or letter. These figures are all on an enlarged scale.

The ring, locket, or other article is of any desired size, shape, or ornamentation. I have shown a ring A. The portion 2 passes around the finger, and the box or setting for receiving a stone is of any desired size or shape, the inner or back plate 3 being a continuation of or in the line of the inner surface of the ring, and such setting usually has the end portions 4 and side portions 5, forming the box or setting; and B is the ornamental stone or segment, of suitable material, and C the letter, monogram, or other ornament on the surface of the article.

Upon the back of the ornament C is a stud 6, that passes through the stone or plate B, and it is formed with a notch in one side, and usually there is a second stud passing into a hole in the plate to prevent the ornament or monogram from turning around upon the surface of the stone, and within the box-shaped setting is the lever D, secured by the pivot-pin 8, and having an eye or perforated arm 9 at one side of the lever, which eye is in line with the segmental slot 10 in the back plate 3 of the setting, and it is preferable to bend up the metal of the back plate 3 at the ends of the segmental slot to form stops 11 12, that limit the motion that can be given to the eye 9 by a pin or pointed instrument inserted through the segmental slot 10 into said eye 9, and the shape of the parts is such that when the eye 9 on the lever is adjacent to the stop 11 there is ample room to insert the parts, so that the stud 6 passes down adjacent to the edge of the lever D, and when such lever D is swung upon its pivot 8 by a pointed instrument inserted through the segmental slot 10, so that the eye 9 is moved toward the stop 12, the lever D will be turned into the notch of the stud 6, thereby firmly holding the stud 6 and confining the ornament C and stone or plate B into the setting, and it is preferable to make use of a segmental rib 13 upon the surface of the back plate 3, against which segmental rib the lower end of the stud 6 passes, so that by the action of the lever D the lower end of the stud 6 will be rigidly confined between such lever D and the segmental rib 13, and when it is desired to separate the ornament, or both the ornament and the stone-setting or plate, the



same can be easily effected by a pin or other pointed instrument inserted through the segmental slot, and by means of which the lever D is partially rotated to liberate the stud 6.

- 5 The lever may be between two studs, so as to hold said studs at its respective ends, or the lever may be adapted to use with more than two studs whenever desired.

I claim as my invention—

- 10 1. The ring or other article having a box-shaped setting with a segmental slot in the bottom plate and stops at the ends of the slot, in combination with an ornament having a stud connected to the back thereof, with a  
15 notch in the side of the stud, and a lever pivoted within the box of the setting, having an eye in line with the segmental slot, whereby the lever can be turned to connect with the stud or be disconnected therefrom by an instru-

ment introduced through the segmental slot, substantially as set forth.

2. The ring or other article having a box-shaped setting with a slot in the bottom plate, in combination with an ornament having a stud connected to the back thereof, with a notch in the side of the stud, and a lever pivoted within the box of the setting, having its moving end in line with the slot, whereby the lever can be turned to connect with the stud or be disconnected therefrom by an instrument introduced through the slot, substantially as set forth.

Signed by me this 19th day of June, 1890.

WILLIAM MEERBOTT, JR.

Witnesses:

GEO. T. PINCKNEY,  
WILLIAM G. MOTT.