(No Model.)

F. J. THOMAS.

JEWELER'S CLAMP.

No. 598,825. Patented Feb. 8, 1898.

Fig. 1

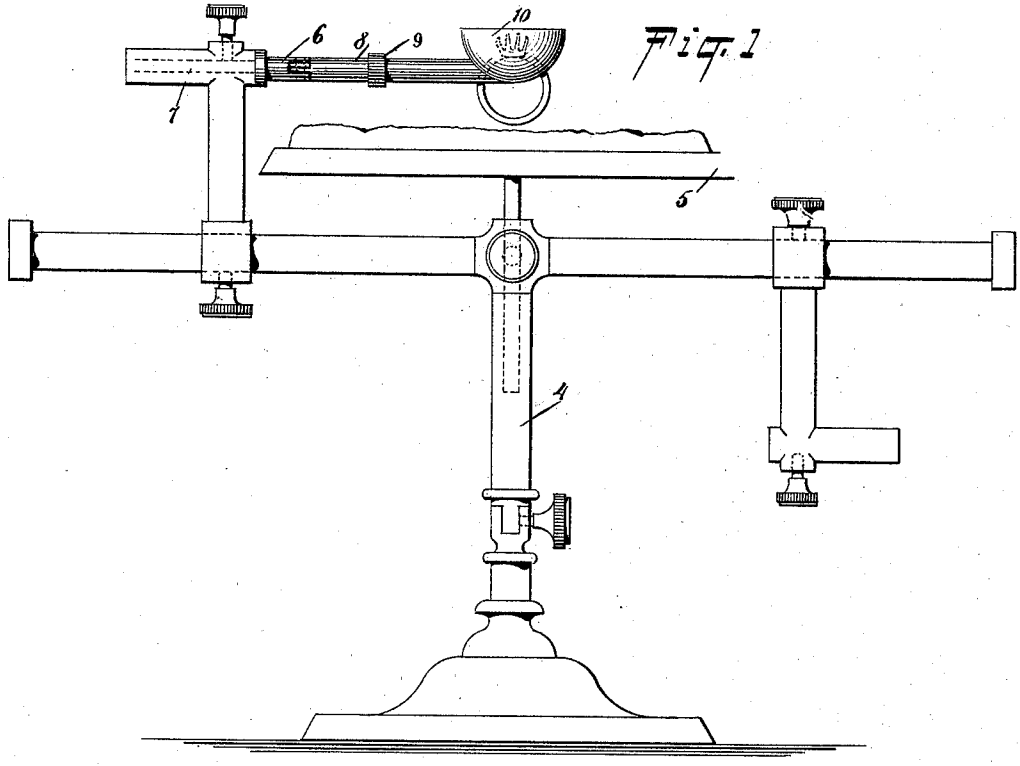


Fig. 2.

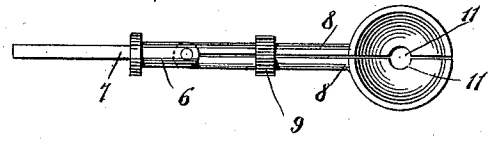
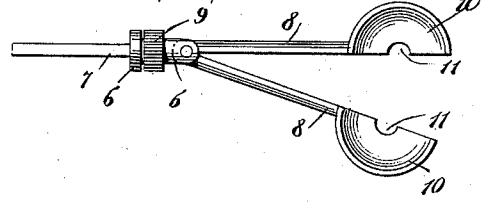


Fig. 3.



WITNESSES:

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FRED J. THOMAS, OF CAIRO, ILLINOIS.

JEWELER'S CLAMP.

SPECIFICATION forming part of Letters Patent No. 598,825, dated February 8, 1898.

Application filed October 18, 1897. Serial No. 655,596. (No model.)

To all whom it may concern:

Be it known that I, FRED J. THOMAS, of Cairo, in the county of Alexander and State of Illinois, have invented a new and Improved Jeweler's Clamp, of which the following is a full, clear, and exact description.

This invention is a jeweler's clamp designed to hold rings and other articles of jewelry set with precious stones, so that the setting will not be affected by the heat which may be used to work the body of the article of jewelry.

This specification and drawings disclose one form of my invention, while the claims define the actual scope of the invention.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the invention. Fig. 2 is a plan view of the invention, and Fig. 3 is a similar view with the parts in a different position.

The device is carried on a suitable support 4, which also carries a charcoal-pan 5. The clamp proper consists in a head 6, having a stem 7, projected longitudinally from one end. The stem 7 is designed to engage with the support so as to support the clamp. Pivoted to the head 6 are two arms 8, which may swing to the divergent position shown in Fig. 3, and which also may swing to the closed position shown in Fig. 2, the arms 8 being held in such closed position by a collar 9, which may slide over the head 6 and also over the arms 8. Each arm has a quadrispherical bowl-section 10, which when the arms are together register with each other to form a hemispherical bowl. The bowl-sections 10 are provided with registering openings 11, which together form a single orifice in the hemispherical bowl when the arms are engaged with each other, as shown in Figs. 2 and 3. This orifice is designed to receive the body of the article of jewelry when the same is held by the clamp. The orifice 11 may be given any form desired to suit the form of jewelry with which the invention is used. The particular orifice shown in Figs. 2 and 3 is intended to receive, for example, a scarf-pin, while for a ring or other article the orifice may be modified accordingly in shape or position, as indicated in Fig. 1.

The jewelry held by this clamp may be effectually worked without destroying the setting, which the bowl protects from heat.

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

1. The combination of a head, a stem attached to the head and projecting from one end thereof, two arms hinged on the head, a collar sliding over the arms to hold the same together, and bowl-sections carried respectively by the arms and matching with each other when the arms are engaged.

2. The combination of two arms mounted to swing toward and from each other, and bowl-sections carried by each arm, the bowl-sections matching with each other when the arms are in engagement.

3. The combination of two hingedly-mounted arms capable of moving toward and from each other, bowl-sections carried by each arm, and a collar sliding on the arms and capable of holding them in engagement.

4. The combination of a head, two arms pivoted thereto, and capable of swinging toward and from each other, a ring sliding on the arms and on the head, and bowl-sections carried by each arm.

FRED J. THOMAS.

Witnesses:
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BELLE STITES.