

No. 627,407.

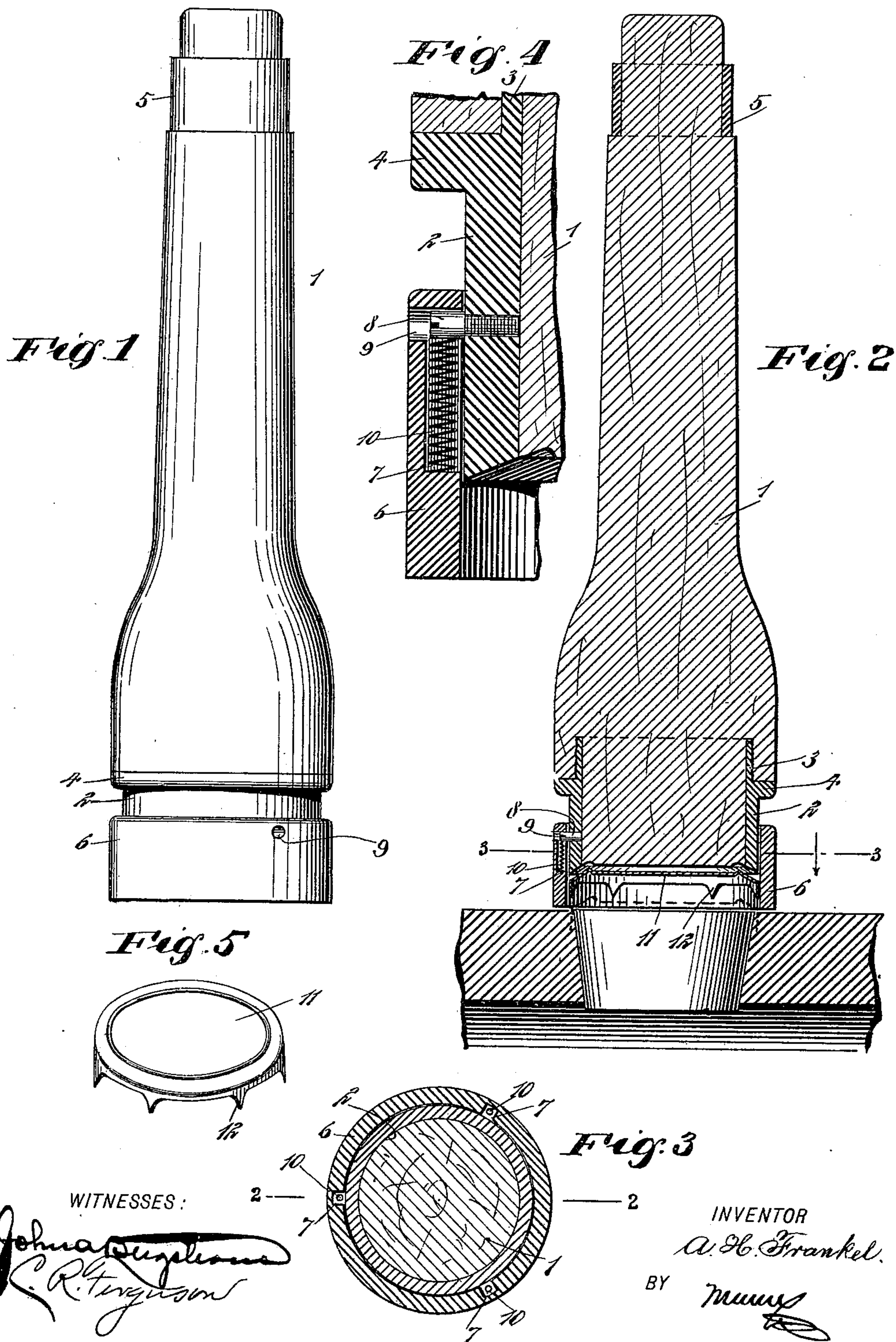
Patented June 20, 1899.

A. H. FRANKEL.

DEVICE FOR ATTACHING METAL SEALS TO WOOD, &c.

(Application filed May 28, 1898.)

(No Model.)



WITNESSES:

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DEVICE FOR ATTACHING METAL SEALS TO WOOD, &c.

SPECIFICATION forming part of Letters Patent No. 627,407, dated June 20, 1899.

Application filed May 28, 1898. Serial No. 682,026. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. FRANKEL, of the city of New York, borough of Manhattan, in the county of New York and State of New York, have invented a new and Improved Device for Attaching Metal Seals to Wood or the Like, of which the following is a full, clear, and exact description.

It is customary to place a metal seal containing a trade-mark or other matter over the bung of a barrel or similar vessel and to secure the seal to the vessel.

It is the object of my invention to provide a simple and comparatively inexpensive device by means of which sharp teeth or prongs formed on a seal may be driven without bending into the wood of a vessel.

I will describe a device embodying my invention and then point out the novel features in the appended claim.

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 views.

Figure 1 is a side elevation of a seal-attaching device embodying my invention. Fig. 2 is a vertical section on the line 2 2 of Fig. 3. Fig. 3 is a section on the line 3 3 of Fig. 2. Fig. 4 is a fragmentary vertical section, and Fig. 5 is a perspective view, of a form of seal employed.

Referring to the drawings, 1 designates the body portion of the device, consisting, preferably, of hard wood. Surrounding the lower end of the body portion is a metal ring 2, having an upward extension 3, which projects into a channel formed in the body portion. This ring also has an outwardly-extending annular flange 4, which forms the driving-head, as will be hereinafter described, and against the upper surface of this flange 4 the end portion of the body outside the channel formed therein engages. This form of ring, with its extension and flange, provides a strong reinforce for the lower end of the body portion, and to prevent the splitting of the body portion by pounding upon the upper end I provide said upper end with a metal collar 5.

Surrounding the ring 2 and through which the ring is adapted to move is a retaining-collar 6. At suitable points in the inner side this retaining-collar is provided with vertical recesses 7, in which guide-pins 8 may move. These guide-pins are here shown as made in the form of screws engaged in tapped holes

in the ring 2, and to provide for the insertion of the pins outwardly-opening holes 9 are formed at the upper ends of the recesses 7. Between the lower end walls of the recesses and the guide-pins coil-springs 10 are arranged. These coil-springs 10 will normally hold the collar 6 in its normal or lowermost position, and the said collar will be prevented from moving entirely off the ring 2 by reason of the upper end walls of the recesses engaging with the guide-pins, as clearly indicated in the drawings.

The seal, as shown in Fig. 5, consists of a circular plate 11 of suitable metal—such, for instance, as tin—and having at equidistant points downwardly-extended teeth 12, designed to be forced into the material of the barrel.

In operation when it is desired to place a seal over the bung of a barrel or similar vessel the seal is to be placed within the collar 6, with the outer surfaces of the teeth 12 engaging against the inner side of the collar and the top of the seal engaging with the lower end of the driving device or body portion 1. Then by placing the lower edge of the collar in position to surround the bung the upper end of the driving device or body is to be given a sharp tap with a hammer or mallet, forcing the body 1 downward, and such movement will force the teeth 12 of the seal into the material of the barrel, and as said teeth engage with the collar they will be prevented from bending outward. After affixing the seal and removing the attaching device the collar 6 will be moved outward to its normal position by means of the springs 10.

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

A device for attaching metal seals, comprising a driving or body portion, a metal ring on the lower end thereof and having an extension projected into a channel formed in the body portion and also having an annular flange with which the body portion engages, a retaining-collar movable on the metal ring and having vertical recesses, pins extended from the ring into said recesses and springs arranged between the lower walls of the recesses and the pins, substantially as specified.

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Witnesses:

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