

F. J. SERSEN.
CORK EXTRACTOR.
APPLICATION FILED OCT. 19, 1910.

983,778.

Patented Feb. 7, 1911.

Fig. 1.

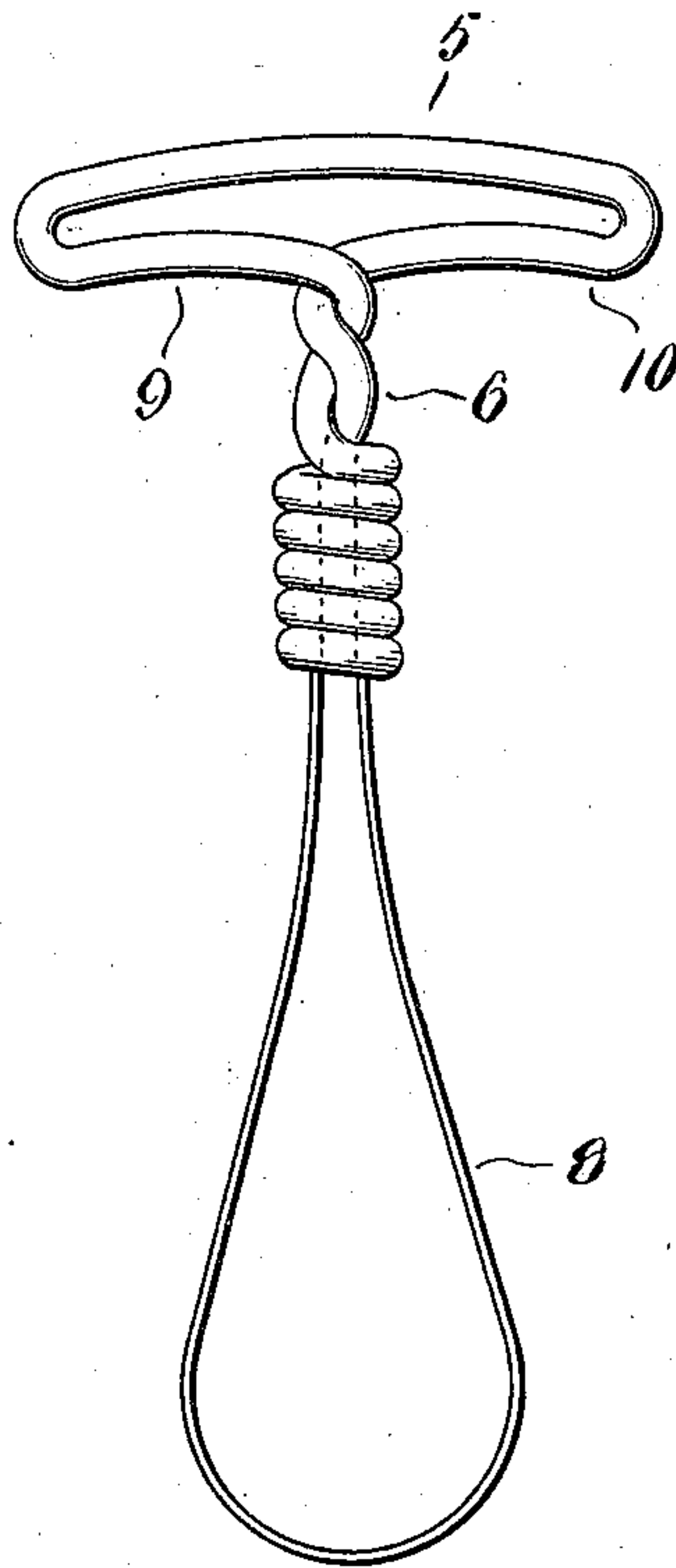
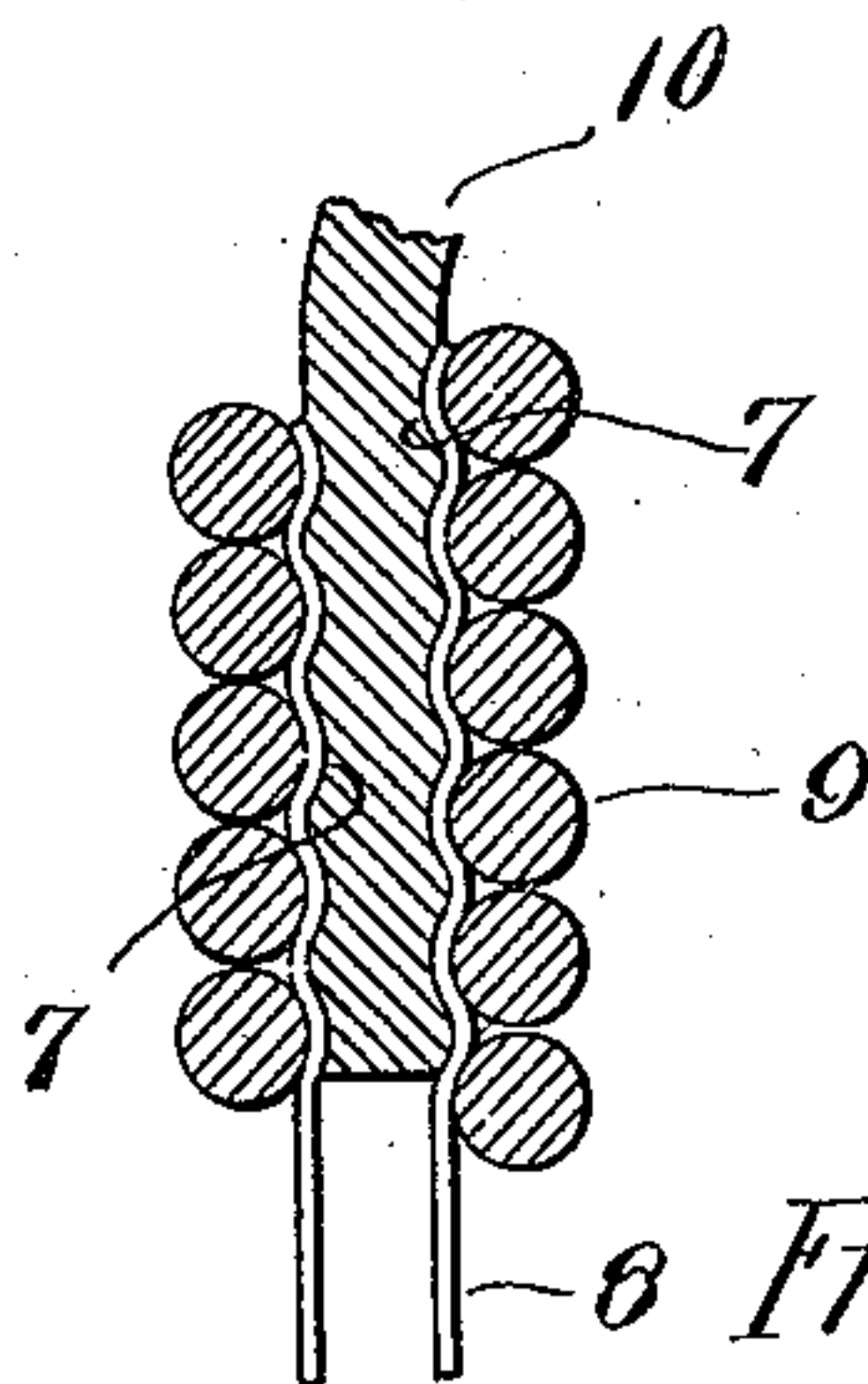


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK J. SERSEN, OF MILWAUKEE, WISCONSIN.

CORK-EXTRACTOR.

983,778.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK J. SERSEN, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Cork-Extractors, of which the following is a specification.

This invention relates to improvements in cork extractors and more particularly to the type employing a loop of flexible material adapted to be inserted into a bottle to engage a cork or other object which has fallen into the bottle.

One object of the invention is the provision of an improved form of handle for securing the opposite end portions of the wire loop in such manner that accidental disengagement between the handle and loop will be positively prevented during the operation of extracting the cork.

With the above and other objects in view, which will more fully hereinafter appear, the present invention consists in certain novel details of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claim.

In the accompanying drawings, forming part of the specification; Figure 1 is the front elevation of the device. Fig. 2 is a detail vertical sectional view of a portion of the handle showing the means for securing the end portions of the loop thereto.

The device embodies a piece of heavy wire bent upon itself, as at 5, 9 and 10, to form a handle. The portions 9 and 10 at the center of the handle are intertwisted, as at 6, and as shown, the portion 10 is formed at opposite sides with circumferential indentations 7.

The spring loop is preferably formed of a single piece of spring sheet metal designated by the numeral 8. The opposite end

portions of this loop are placed on opposite sides of the bent end portion 10 of the wire and so positioned that the end portions of the loop will overlies the indentations. When the parts are so positioned the portion 9 beyond the twist 6 is coiled tightly around the first-named portion and the free end portions of the sides of the loop, this coiling forcing the free end portions of the sides of the loop into the indentations, thus precluding any possibility of the same from slipping when the loop engages with the cork and a pull is exerted on the handhold portion 5.

From the foregoing, it is evident that I have provided a device which is comparatively simple in structure and inexpensive to manufacture, embodying few parts and these so arranged that the danger of derangement will be reduced to a minimum.

I claim:—

A cork extractor formed of a single piece of wire bent upon itself to provide a handle, the ends of the wire being extended to the medial portion of the handle and terminating in outwardly extending portions twisted one upon the other for portions of their length, one of said outwardly extending portions being provided at a point beyond the twist with a circumferential indentation, a flexible loop member having its free end portion bearing on opposite sides of the said outwardly extending portion and overlying said indentation, and the other of said outwardly extending portions having the part beyond the twist coiled around the first-named bent portions and free end portions of the loop, for the purpose described.

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

FREDERICK J. SERSEN.

Witnesses:

HERMAN ROETTIGERS,
ANTHONY M. BRITZ.