

No. 785,722.

PATENTED MAR. 28, 1905.

H. H. DUNN.  
CORK EXTRACTOR.

APPLICATION FILED SEPT. 23, 1904.

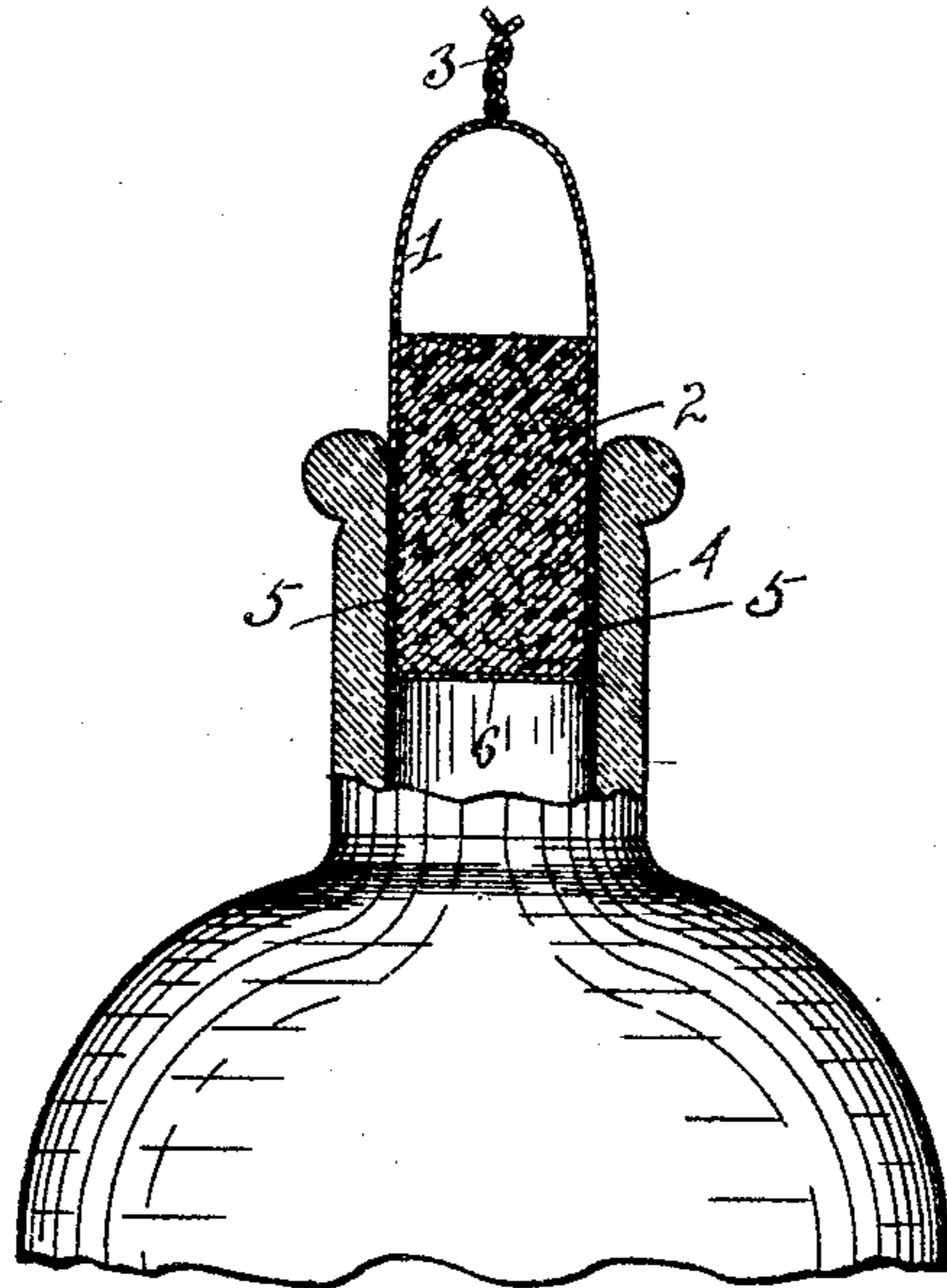


FIG. 1.



FIG. 2.

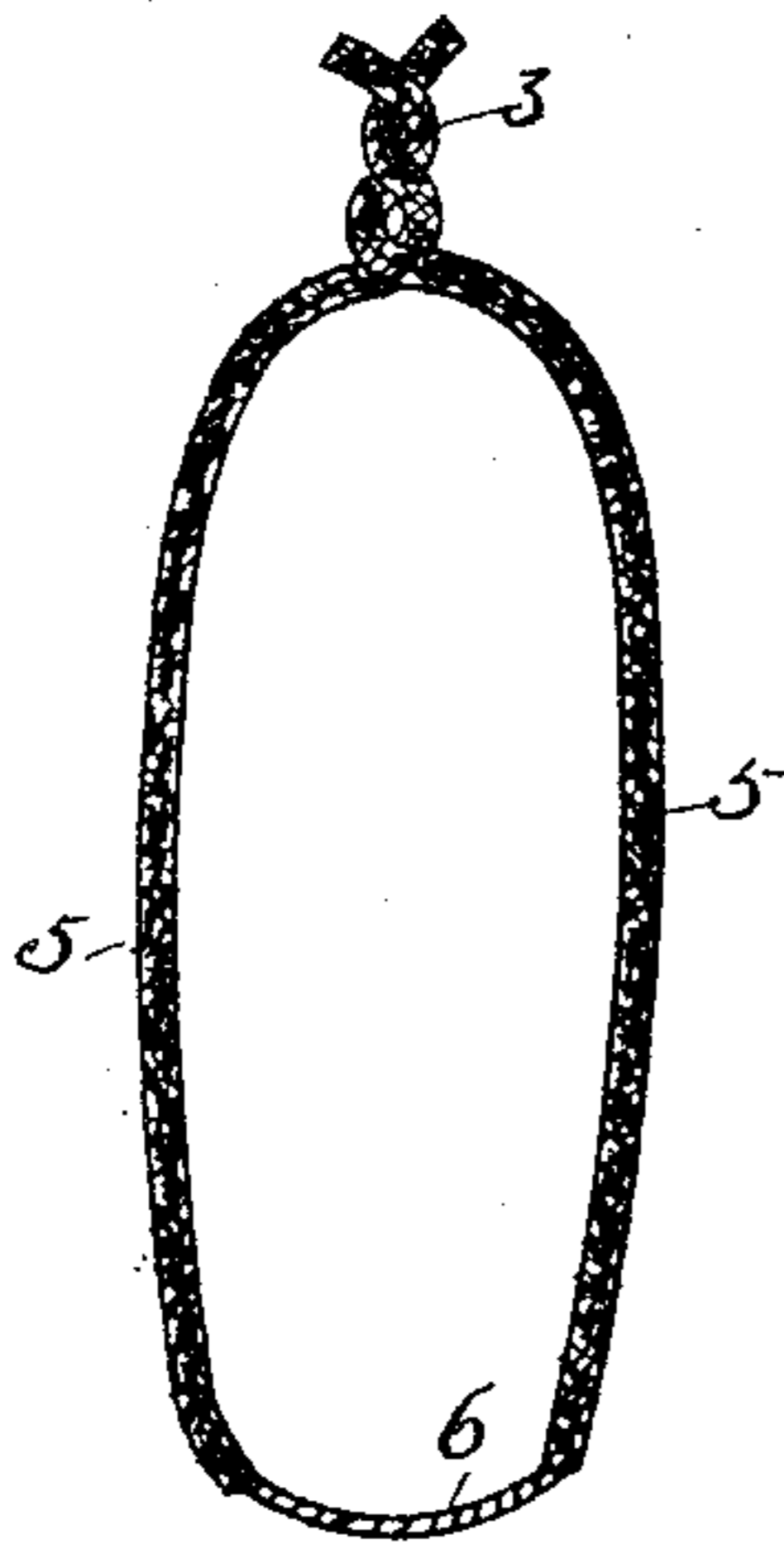


FIG. 4.

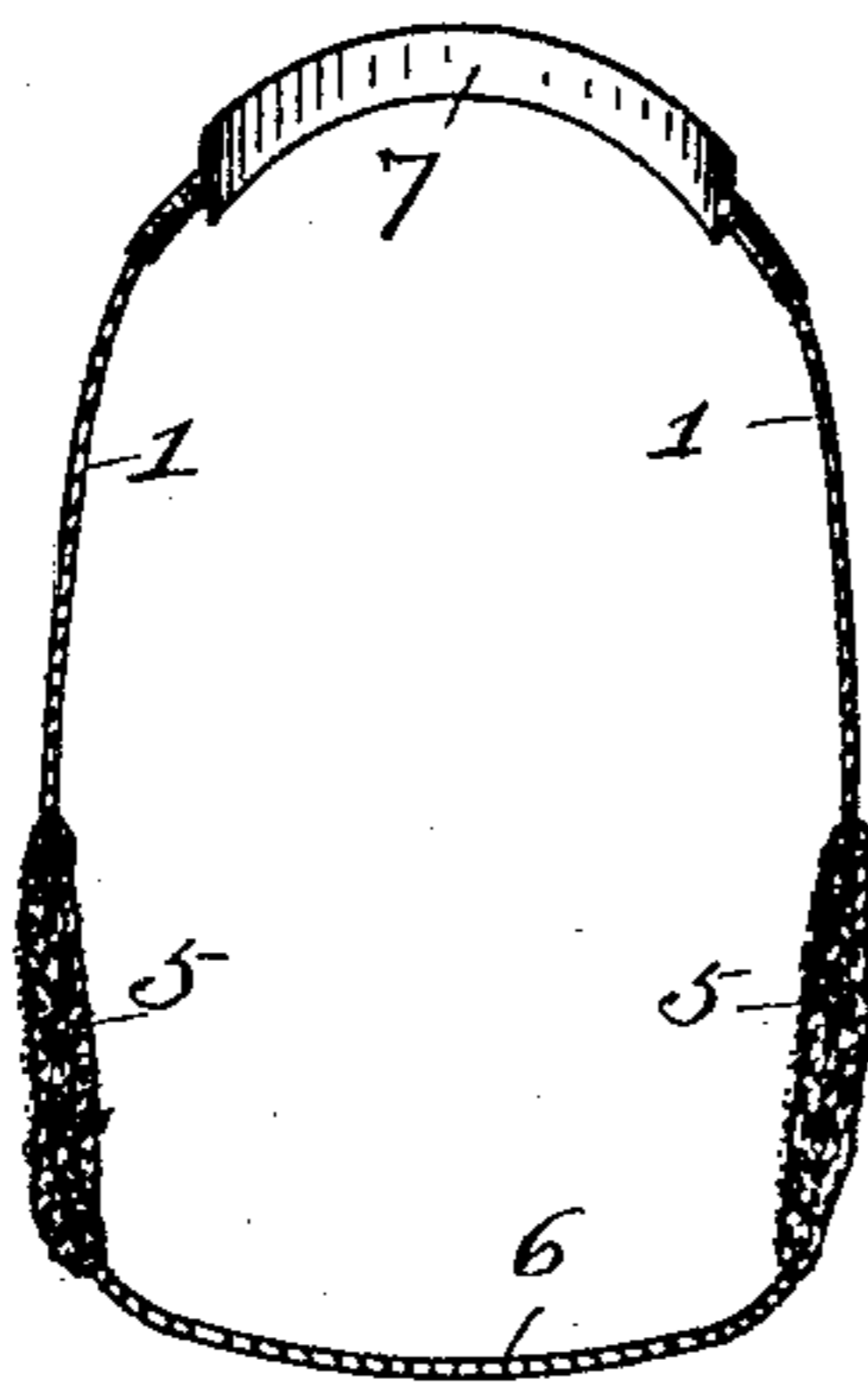


FIG. 3.

WITNESSES  
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HERBERT H. DUNN, OF DAYTON, OHIO.

## CORK-EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 785,722, dated March 28, 1905.

Application filed September 23, 1904. Serial No. 225,595.

*To all whom it may concern:*

Be it known that I, HERBERT H. DUNN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Cork-Extractors; 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.

This invention relates to improvements in cork-extractors, and possesses the features of novelty and advantage hereinafter described and claimed.

The invention is an improvement of the device shown and described in my application, filed May 14, 1904, Serial No. 207,892.

Preceding a detail description of the invention reference is made to the accompanying drawings, of which—

Figure 1 is a view of the upper portion of a bottle with the neck appearing in section, showing my improved cork-extractor in position in the neck. Fig. 2 is a detail view of the extractor before it is placed in an operative position. Fig. 3 is a view of the extractor, showing a slight modification. Fig. 4 is another view of the extractor, showing a different modification.

In a detail description of the invention similar reference characters indicate corresponding parts.

The extractor is constructed of a suitable piece of pliable material 1 of sufficient tenacity to meet the requirements, preferably a piece of wire that surrounds the cork or stopper 2 at the lower end thereof and extends up the opposite sides of said cork and is brought together at the top and twisted, as at 3, to form a finger-hold for the operator in withdrawing the stopper. The body of the extractor, or those portions which lie between the exterior surfaces of the cork and the interior surfaces of the bottle-neck 4, are provided with suitable

packing material 5, which is interwoven with the wire or material of the extractor 1 and provides a packing to prevent any possible leakage of the contents of the bottle at the points where the extractor extends upward through the neck of the bottle. This packing is omitted from the bottom portion 6 of the extractor, or that portion which lies immediately below the cork, the object and purpose of said packing being, as before stated, to close any possible space that might exist between the interior neck of the bottle and the exterior surface of the cork at the points where the extractor lies. The packing material 5 is essentially a fixed part of the extractor and may or may not be subjected to chemical treatment in order to make it impervious to moisture.

The extractor, as shown in Fig. 3, is substantially the same; but instead of connecting the upper end thereof by means of the twist 3 it is provided with a flat finger-hold 7, which connects the upper ends of said extractor and provides a flat surface for engagement of the finger in removing the cork. This form is preferable where the extractor is employed to remove corks from larger bottles, any possibility of the wire cutting the fingers being obviated by the flat metallic band 7.

The device, as shown in Fig. 4, consists in applying the packing material 5 throughout the length of the extractor, with the exception of that portion which lies immediately below the inner end of the cork. This form of extractor is possibly more preferable on account of the appearance of the device; otherwise the form shown in Figs. 1 and 2 meets all necessary requirements.

Having described my invention, I claim—

1. A cork-extractor consisting of a metallic member of a pliable nature inclosed with packing material and adapted to inclose the lower end of a cork and extend up the opposite sides thereof beyond the upper end of the cork, substantially as set forth.

2. As a new article of manufacture, a cork-extractor consisting of a pliable metallic mem-

her adapted to lie across the lower end of a  
cork and to extend up the opposite sides of  
said cork, the portion of said member lying  
between the interior sides of the bottle-neck  
5 and the exterior sides of the cork being pro-  
vided with suitable material which forms a  
packing at such points, the extreme ends of  
said member being carried upwardly and

united above the cork to provide a suitable  
finger-hold, substantially as set forth. 10

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

HERBERT H. DUNN.

Witnesses:

R. J. McCARTY,  
C. M. THEOBALD.