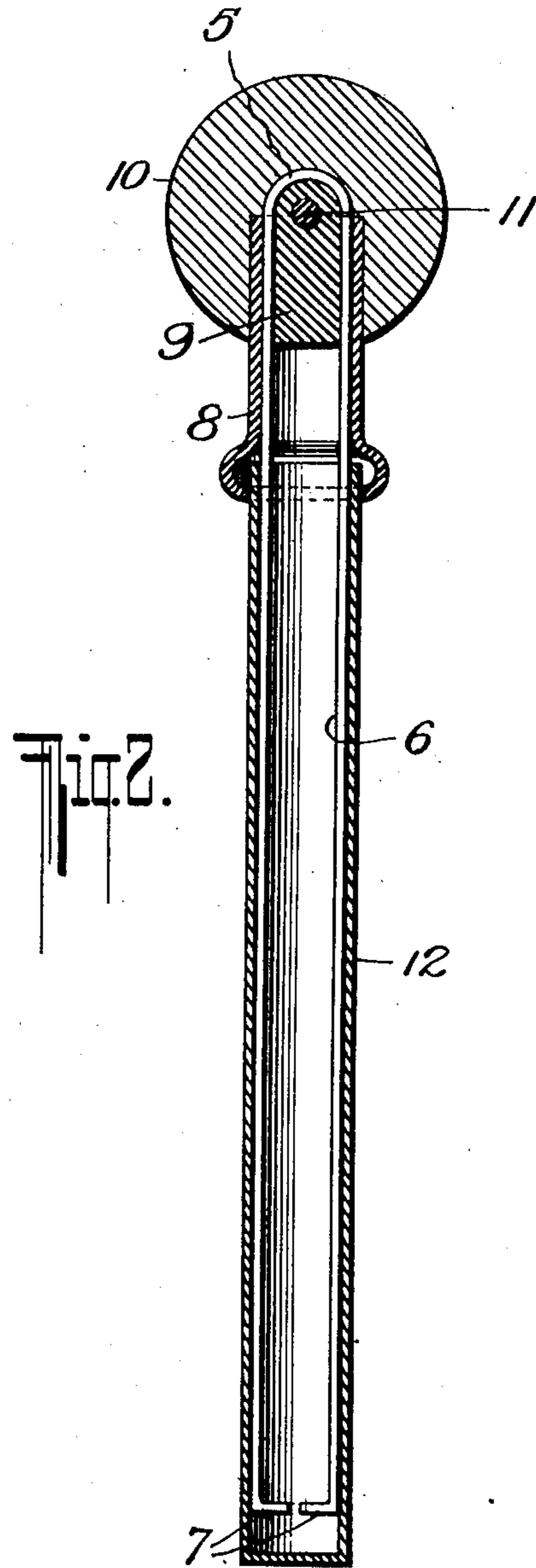
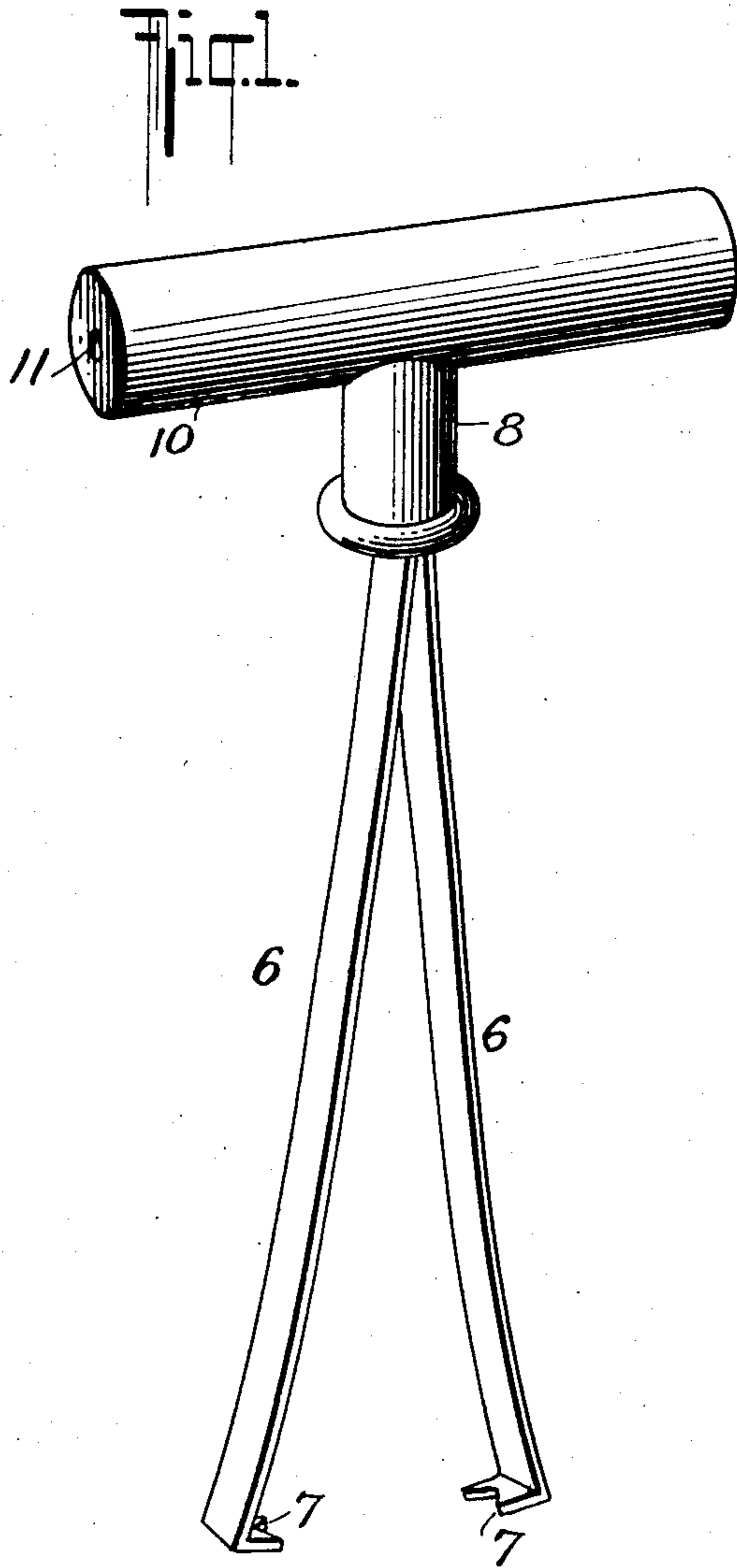


No. 892,720.

PATENTED JULY 7, 1908.

C. J. GROMER.
CORK EXTRACTOR.

APPLICATION FILED JUNE 21, 1907.



Witnesses:
Julius H. Hutz
H. Allen

Charles J. Gromer,
Inventor
Victor J. Evans
By his Attorney

UNITED STATES PATENT OFFICE.

CHARLES J. GROMER, OF NEW YORK, N. Y.

CORK-EXTRACTOR.

No. 892,720.

Specification of Letters Patent.

Patented July 7, 1908.

Application filed June 21, 1907. Serial No. 380,130.

To all whom it may concern:

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

This invention relates to cork extractors and is adapted to provide a means for removing corks from the interior of bottles when they have been inadvertently driven into same and its object is to provide a convenient article for bottlers and druggists to readily accomplish this end, as will be more fully explained in the following specification, set forth in the claims and illustrated in the drawings accompanying this application, in which:

Figure 1 is a perspective view of my improved extractor. Fig. 2 is a longitudinal sectional view of the extractor and its receptacle.

It is necessary that the device be of such dimensions that it may readily be inserted in the neck of a bottle, even of small size, and for this purpose a flat strip of resilient metal is bent upon itself at the loop 5 to form two arms 6 of the same length and having their ends turned inward towards each other to form prongs or teeth 7 so that when the two arms are forced towards each other the prongs engage any object coming between them and grasp it. The loop 5 is inserted in a ferrule 8 and a plug 9 is forced between the upper ends of the arms 6 to wedge them therein, the ferrule is then driven into an orifice in the cross-bar or handle 10 and a pin 11 run through said cross-bar and the plug 9 within the loop 5 so that the same and the arms are firmly held in place and are able to withstand considerable strain while in the act of displacing and removing corks or other objects from bottles and jars.

For convenience in carrying the device in the pocket a case 12 is provided into which the spring arms 6 are inserted when they are forced towards each other and the upper end of the case is inserted in the lower end of the ferrule where it is securely held by friction.

In order to remove the corks or other objects from a bottle the arms are compressed sufficiently to insert the two into the mouth of the bottle and when released they spread apart. When the position of the bottle is reversed the object will fall towards the neck and between the arms and when they are retracted the prongs grasp the cork and it is readily pulled out by the device.

It is obvious that various details of construction are susceptible of modification without departing from the essential features shown.

What I claim as new and desire to secure by Letters Patent is:

In a cork extractor the combination of a simple piece of resilient metal bent to form two arms, of a transversely arranged handle provided with an orifice, a plug fitted upon the inside of the spring arms, a ferrule adapted to engage over the upper ends of the arms thereby keeping them pressed against the plug, said ferrule extending partially into said orifice, the outer end of the ferrule being bent outwardly so that it is spaced from the arms, and a cap having a closed end adapted to be placed over the free ends of the arms and its open end adapted to be received in the space between said ferrule and arms.

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

CHARLES J. GROMER.

Witnesses:

MAE W. CLINTON,
JAMES F. DUHAMEL.