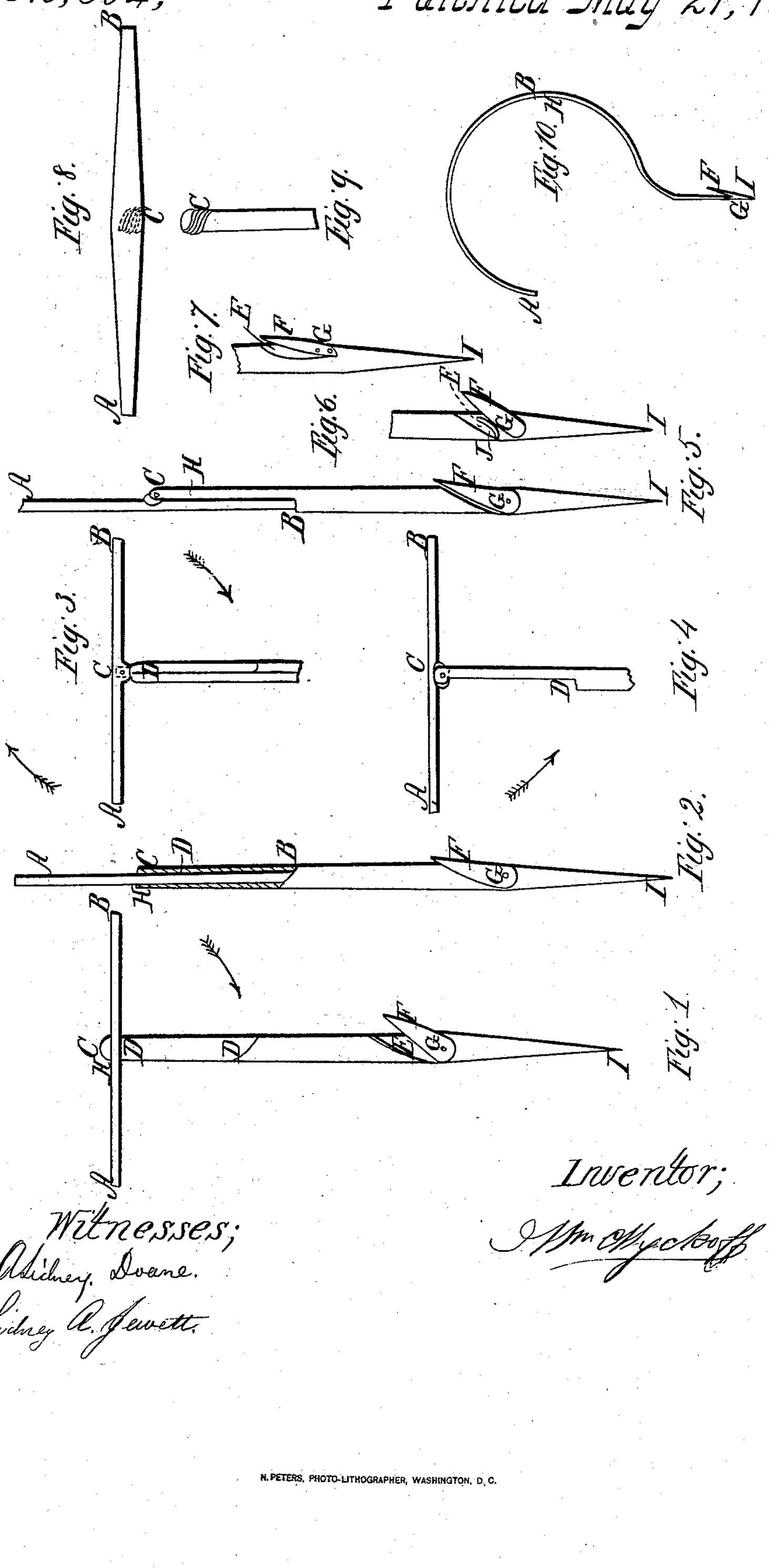
# W. C. Wyckoff,

## Cork Screw,

No. 32,394, Patented May 21, 1861.




Witnesses;
Sidney Doane.
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Inventor;
W. C. Wyckoff

# UNITED STATES PATENT OFFICE.

WILLIAM C. WYCKOFF, OF BROOKLYN, NEW YORK.

## CORK-PULL.

Specification of Letters Patent No. 32,394, dated May 21, 1861.

*To all whom it may concern:*

Be it known that I, WILLIAM C. WYCKOFF, of Brooklyn, Kings county, State of New York, have invented, made, and applied to use a new and Improved Instrument for Drawing Corks, which I term a "Cork-Pull;" and I do declare the following to be a full, clear, and correct description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, in which—

Figure 1 is a view of my improved cork pull when open before insertion into a cork; Fig. 2 a view of the same showing handle A. B. folded in line with rod H. I. to enable cork to be passed over the same, Figs. 3 and 4, views showing modes of attaching handle A. B. to rod H. I.; Fig. 5, view of handle folded when hinged to rod; Fig. 6, detached view, showing fork F pivoted to rod H. I; also spring J sometimes employed to operate fork F.; Fig. 7, detached view showing fork F attached in a fixed position to rod H. I.; Figs. 8 and 9 show the mode employed for attaching a handle A. B. when it is desirable to disconnect the same from the rod H. I; Fig. 10, a view of a cork-pull formed from one and the same piece of metal.

In the drawings, like parts of the invention are designated by the same letters of reference.

The nature of my invention consists in the construction and operation of a cork-pull as hereinafter set forth.

To enable others skilled in the art to make and use my invention I will speak of its construction and operation.

*Of the handle.*—In the drawings A. B. show the handle of the cork-pull that may be pivoted C directly to the rod H. I as shown in Figs. 1 and 2 or hinged C to the same, as in Figs. 3, 4 and 5, or the rod H. I may have a screw thread cut upon it, and the handle A. B. be provided on its interior with a screw thread as shown in Figs. 8 and 9. When the latter mode of attachment is employed, the handle can at any time be detached from the rod. When the handle A. B is hinged or pivoted to the rod H. I, it will be seen by referring to Figs. 2 and 5 that the handle A. B. can be folded in line or nearly so with the rod H. I, the rod H. I in these cases being halved or grooved for the purpose.

In the case illustrated by Figs. 8 and 9 the handle as previously stated is readily removed by unscrewing the same.

In Fig. 10, the handle A. B and rod H. I are formed of one and the same piece of metal.

*Of the rod.*—H. I, show a rod formed of any suitable metal and provided with a sharp conical point for the purpose of enabling the user to insert the instrument readily into the cork to be drawn.

*Of the fork.*—F shows a fork fastened to the rod H. I as shown in Figs. 1, 2, 5 and 6 by means of pivot G, upon which it plays readily to and fro, the rod H. I being provided with a groove or slot at E in which it rests. In Fig. 7, the fork F is attached to the rod H. I in a fixed position by means of a rivet G and in Fig. 10, by welding or otherwise. This fork F is so constructed that when attached to the rod H. I and folded in the slot or groove E of the same, its point may project slightly beyond the line of the rod H. I.

J, Fig. 6, shows a spring, for the purpose of operating in some cases, the fork F.

*Operation.*—My improved cork-pull having been thus constructed its operation may be thus set forth: The handle A. B. having been placed at right angles to the rod H. I. the point is inserted into the cork to be drawn, by pressing the instrument downward. During this operation the fork F attaches to the rod H. I in the groove E folds into true or nearly so with the rod H. I except in the case of Fig. 10, where it (the fork) simply folds against the rod. When the rod H. I has been inserted a sufficient distance to bring the point of the fork F below the bottom of the cork, the instrument should then be pulled upward by means of the handle A. B, by which action the point of the fork F penetrates the cork, causing the fork F to open to the angle limited by its construction and attachment, namely, less than a right angle and catching the portion of the cork contained in the space formed by that angle, enables the operator to readily withdraw the cork. To remove the cork from the instrument after the operation just described, several devices are shown in the drawings. In Figs. 2 and 5 the handle A. B. being hinged or pivoted to the rod H. I. is readily folded and rests in line or nearly so with the rod H. I, thus enabling the cork

to be passed over it. In Figs. 8 and 9, the handle A B is detached from the rod H I over which the cork is passed. In Fig. 10, a portion of the rod is shown as bent so as to form a handle A B over which the cork is passed.

The spring J Fig. 6, will in some cases be found exceedingly useful to throw the fork F out, though in many cases the fork can be made of spring steel, as shown in Figs. 7 and 10.

By constructing and attaching the fork F to rod H. I in such a manner, that when in operation, it (the fork F) shall form an angle less than a right angle, the strength and power for the purpose intended, of the instrument is much increased.

By thus constructing my improved cork-pull, I produce an article of great utility, durability, strength for its purpose and cheapness—particularly the latter when the instrument shall be made as shown in Fig. 10, while convenience is consulted in a great degree from the facts that all the parts of the instrument may be folded in a direct line or nearly so with each other.

To illustrate the readiness with which my instrument operates in many cases it will not be found necessary to insert the point of the fork F below the bottom of the cork.

Having thus fully set forth my invention what I claim as new and desire to secure by Letters Patent is—

The use or employment of a pointed rod H. I. in combination with the fork F operating automatically or operated by the spring J, and folding handle A. B, when the same shall be arranged and operated in the manner described and for the purpose specified.

WM. C. WYCKOFF.

In presence of—
A. SIDNEY DOANE,
GEO. W. HUNT.