

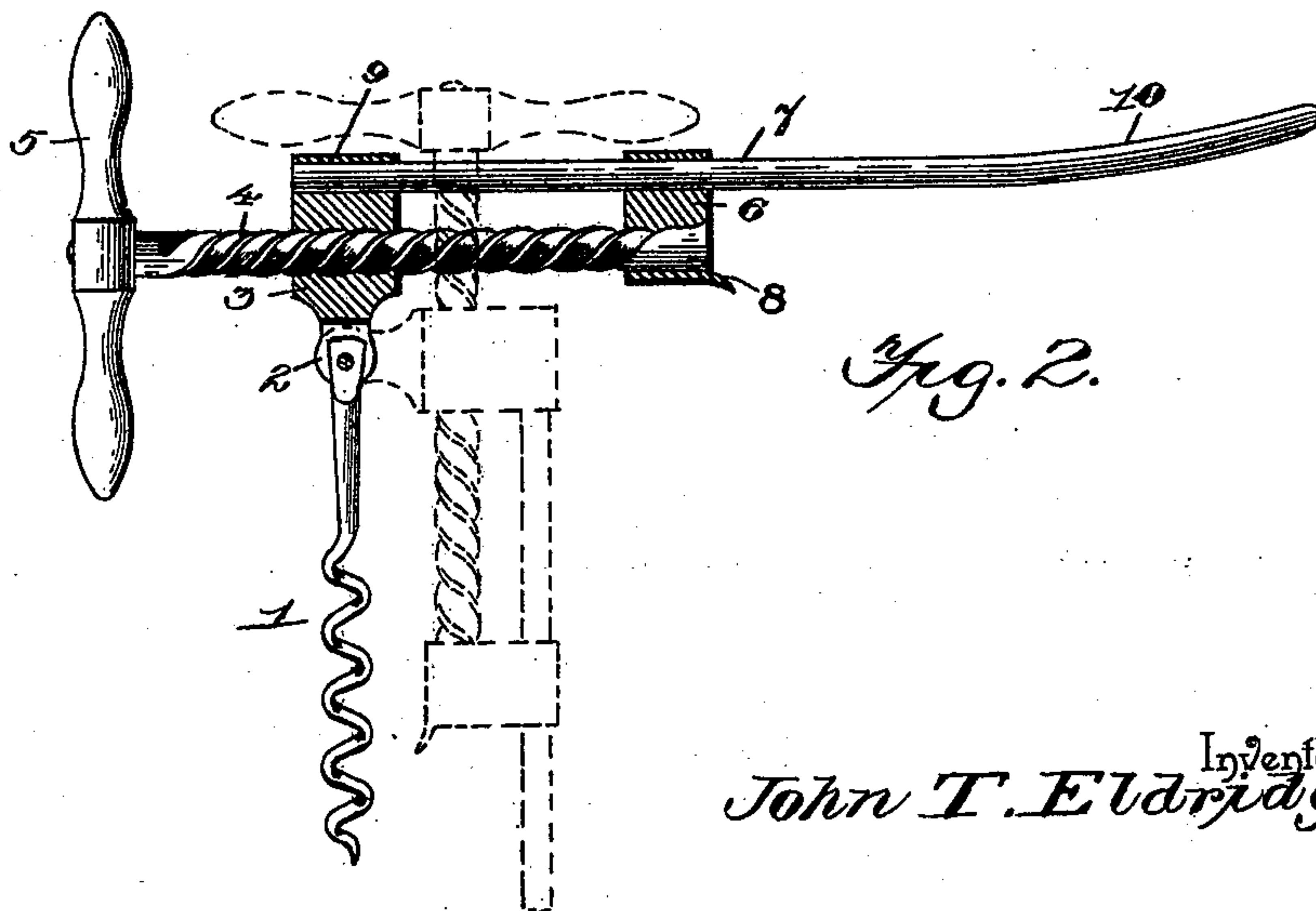
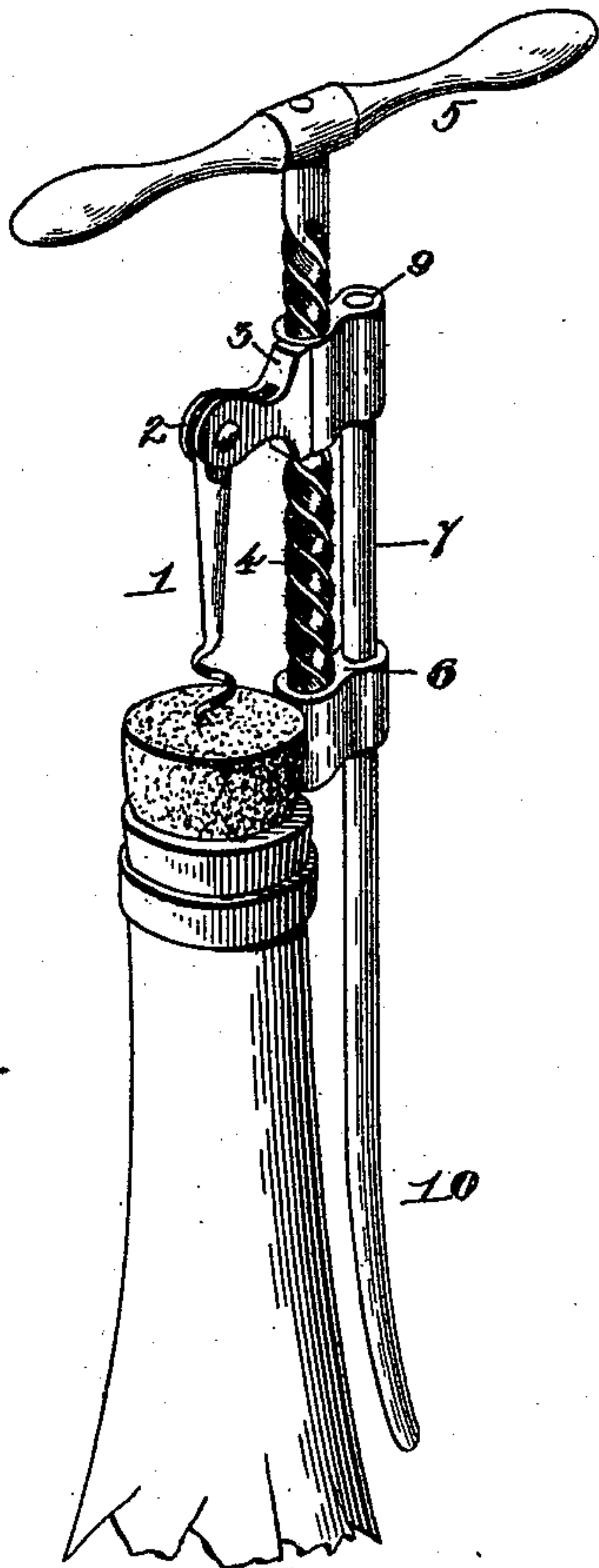
(No Model.)

J. T. ELDRIDGE.  
CORKSCREW.

No. 583,850.

Patented June 1, 1897.

*Fig. 1.*



*Fig. 2.*

Witnesses

*D. L. McKee*  
*J. F. Riley*

By *his* Attorneys,

*John T. Eldridge,*  
Inventor

*C. A. Snow & Co.*

# UNITED STATES PATENT OFFICE.

JOHN TURNER ELDRIDGE, OF MURFREESBOROUGH, NORTH CAROLINA.

## CORKSCREW.

SPECIFICATION forming part of Letters Patent No. 583,850, dated June 1, 1897.

Application filed October 12, 1896. Serial No. 608,616. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN TURNER ELDRIDGE, a citizen of the United States, residing at Murfreesborough, in the county of Hertford and State of North Carolina, have invented a new and useful Corkscrew, of which the following is a specification.

The invention relates to improvements in corkscrews.

The object of the present invention is to improve the construction of corkscrews and to provide a simple, inexpensive, and efficient device capable of enabling a cork to be rapidly extracted without the operator experiencing any strain.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a corkscrew constructed in accordance with this invention and shown applied to a bottle. Fig. 2 is a longitudinal sectional view of the corkscrew, the parts being shown in full lines in position for inserting the screw into a cork and in dotted lines in position for extracting a cork.

Like numerals of reference designate corresponding parts in both the figures of the drawings.

1 designates a cork-engaging screw of the ordinary configuration provided with a shank, which is pivoted between perforated ears 2 of a nut 3. The nut receives an extracting-screw 4, provided at its upper end with a handle 5, and adapted when inserting the screw 1 in a cork to be arranged at right angles to the former, as illustrated in Fig. 2 of the accompanying drawings, to serve as a handle, and adapted after the screw 1 has been inserted in the cork to be turned to a position parallel with the screw 1, as illustrated in Fig. 1 of the drawings and in dotted lines in Fig. 2, to engage the upper edge of the neck of the bottle, whereby when the extracting-screw 4 is rotated the nut 3 will be forced upward or outward, carrying with it the screw 1 and extracting the cork. The extracting-screw 4, which may be constructed in any suitable manner, is preferably provided with the spiral groove or twist shown in the draw-

ings, and the thread has a sufficiently long pitch to enable a cork to be rapidly extracted with few turns of the extracting-screw. 55

The engaging end of the extracting-screw is supported by a slide 6, which is provided with a pair of parallel openings for the reception of the screw 4 and a guide 7. The slide is swiveled to the screw 4 and is provided with a downwardly-projecting spur 8, located adjacent to the engaging end of the screw 4, and adapted to engage the inner face of the neck of a bottle to prevent the screw 4 from sliding off the upper edge thereof. 60 65

The guide-rod 7, which passes through the slide 6, is secured at its upper end to the nut 3 in a perforation 9 of an extension thereof. The lower portion 10 of the guide-rod is designed to extend along the neck of a bottle, as illustrated in Fig. 1 of the accompanying drawings, in convenient position for the operator to grasp it and the neck, so as to hold the bottle and the corkscrew firmly with one hand, leaving the other hand free to rotate the extracting-screw. By rotating the extracting-screw the end is moved upward and outward and the cork is rapidly extracted. 70 75

It will be seen that the corkscrew is exceedingly simple and inexpensive in construction, that the parts are readily arranged for inserting the cork-engaging screw into a cork, and that the device is quickly changed to engage the upper edge of the neck of a bottle to force the cork outward. 80 85

What I claim is—

1. A device of the class described comprising a nut, a cork-engaging screw pivoted to the nut, and an extracting-screw receiving the nut and adapted, when arranged parallel with the cork-engaging screw, to engage the neck of a bottle, and capable of being turned at right angles to the cork-engaging screw to serve as a handle for the same, substantially as described. 90 95

2. A device of the class described comprising a nut, a cork-engaging screw pivoted to the nut, an extracting-screw arranged within the nut, adapted to be turned at right angles to and parallel with the cork-engaging screw and capable of engaging the neck of a bottle, a guide-rod rigidly secured to the nut and arranged parallel with the extracting-screw and having its lower portion slightly bent to con-



form to the configuration of the neck of a bottle, and a slide mounted on the guide-rod and swiveled to the extracting-screw, substantially as described.

- 5 3. A device of the class described comprising a nut provided at one side with ears, an extracting-screw passing through the nut, a cork-engaging screw pivoted to said ears, a guide-rod secured to the nut, and a slide  
o mounted on the guide-rod, swiveled to the extracting-screw and provided with a projecting

spur adapted to engage the inner face of the neck of a bottle, substantially as and for the purpose described.

In testimony that I claim the foregoing as 15  
my own I have hereto affixed my signature in  
the presence of two witnesses.

JOHN TURNER ELDRIDGE.

Witnesses:

D. A. DAY,  
J. E. EVANS.