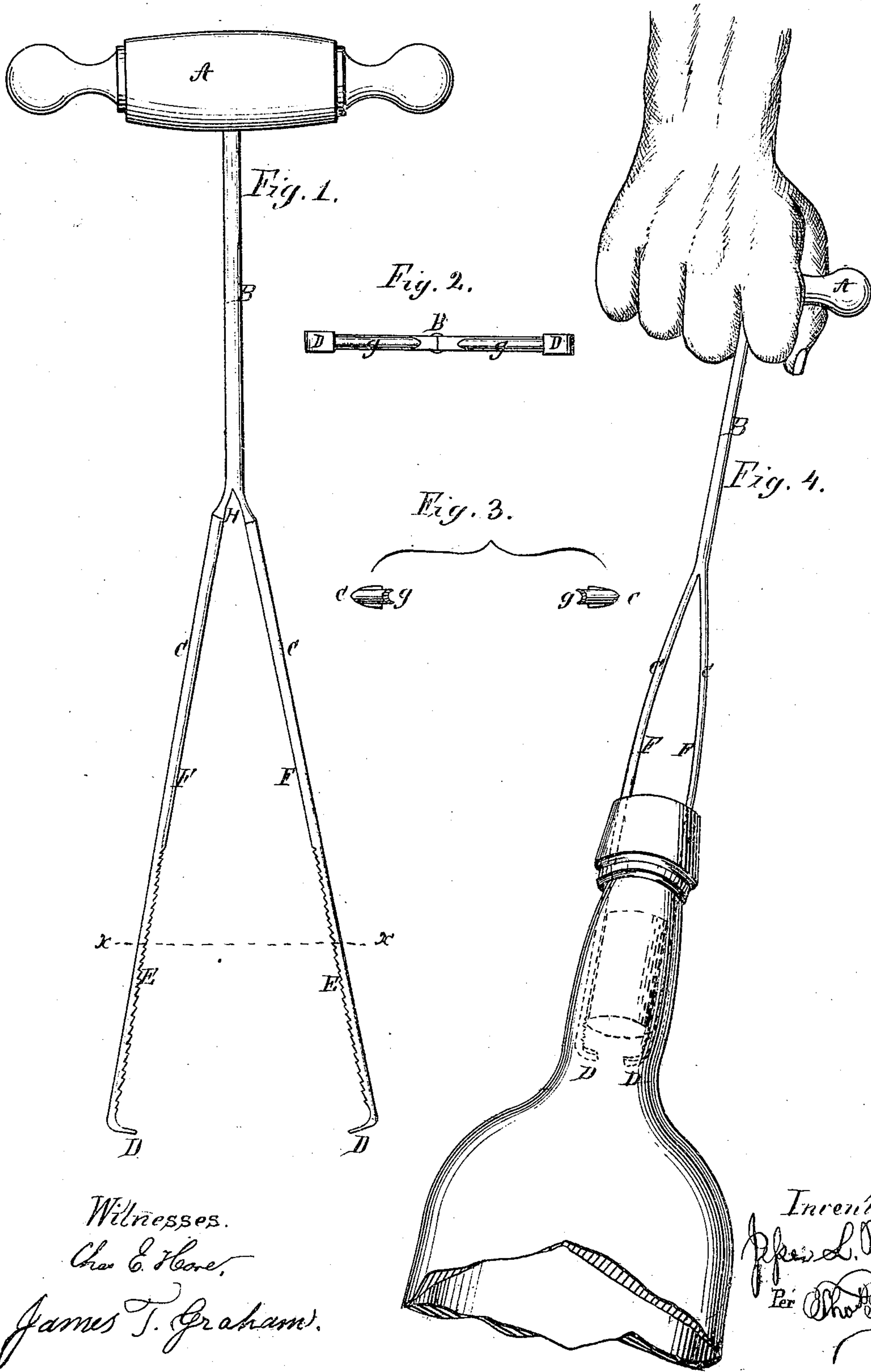


*J. L. Morrill,
Cork Drawer.*

No 42,784,

Patented May 17, 1864.



Witnesses.

Chas. E. Moore,

James T. Graham.

Inventor.

J. L. Morrill

Per [Signature]

Atty

UNITED STATES PATENT OFFICE.

JESSE L. MORRILL, OF NEW YORK, N. Y.

IMPROVED CORK-EXTRACTOR.

Specification forming part of Letters Patent No. 42,784, dated May 17, 1864.

To all whom it may concern:

Be it known that I, JESSE L. MORRILL, of the city, county, and State of New York, have invented a certain new and useful Improvement in Instruments for Drawing Corks from Bottles; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a side view of the cork-drawer, showing the serrated edges of the grooves on the inner sides of the prongs and the hooks at their lower ends. Fig. 2 is an upward view of the prongs, showing the form of the groove and of the hooks at the lower ends of the prongs. Fig. 3 is a section through the line *x x*, Fig. 1. Fig. 4 is a general view showing the instrument as it appears when drawing a cork from a bottle.

My invention consists of an instrument, the body of which is divided into two prongs, which prongs are grooved on their inner sides and hooked at their lower ends, the edges of said grooves being either serrated or smooth, designed for extracting corks from the inside of bottles.

A is the handle of the cork-drawer. B is the body of the same. C are the prongs. D are the hooks at the extremities of the prongs. E are the serrated edges of the grooves G, and F are the smooth edges. The body B and the prongs C are made of one piece of solid steel split open from the extremities D to the point designated by the letter H.

The instrument might be made of two pieces of steel welded together from the point H to the upper extremity of the body B; but I prefer to make it of one piece, as above described.

The prongs C are deeply grooved on their inner sides throughout their entire length, so that the edges of the grooves may not only

firmly grasp, but also sink into the sides of the cork, so that the prongs and the cork will actually take up no more room than the cork alone would require, and any cork that can possibly be forced into a bottle may be readily withdrawn by this instrument.

The edges of the grooves G may be serrated, as represented at E, or they may be smooth, as represented at F, or they may be partly serrated and partly smooth, as represented in Fig. 1. The form I prefer is that represented in Fig. 1, the lower part being serrated and the upper smooth, but the others will answer every purpose.

The lower ends of the prongs C may be bent over into the form of hooks, as represented in Fig. 1. These hooks may be made flat, as represented in the drawings, or they may be made pointed, or the prongs may be made without hooks. In all ordinary cases the cork will be grasped by the prongs above the hooks, and the hooks would only be useful in drawing corks from very large bottles by holding the corks in their places until the instrument had been drawn far enough up the neck of the bottle for the prongs to grasp the cork.

The body B and the prongs C are thinned down a little at the point designated by the letter H, in order to give more spring to the instrument, though the body and prongs, being made of the best of steel, are elastic throughout all their parts.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

An improved cork drawer with grooved prongs, or with grooved and serrated prongs, substantially as and for the purpose set forth.

JESSE L. MORRILL.

Witnesses:

S. A. ROBERTS,
JAMES T. GRAHAM.