

(Model.)

C. O. COOK.
BUNG EXTRACTOR.

No. 304,800.

Patented Sept. 9, 1884.

Fig. 1.

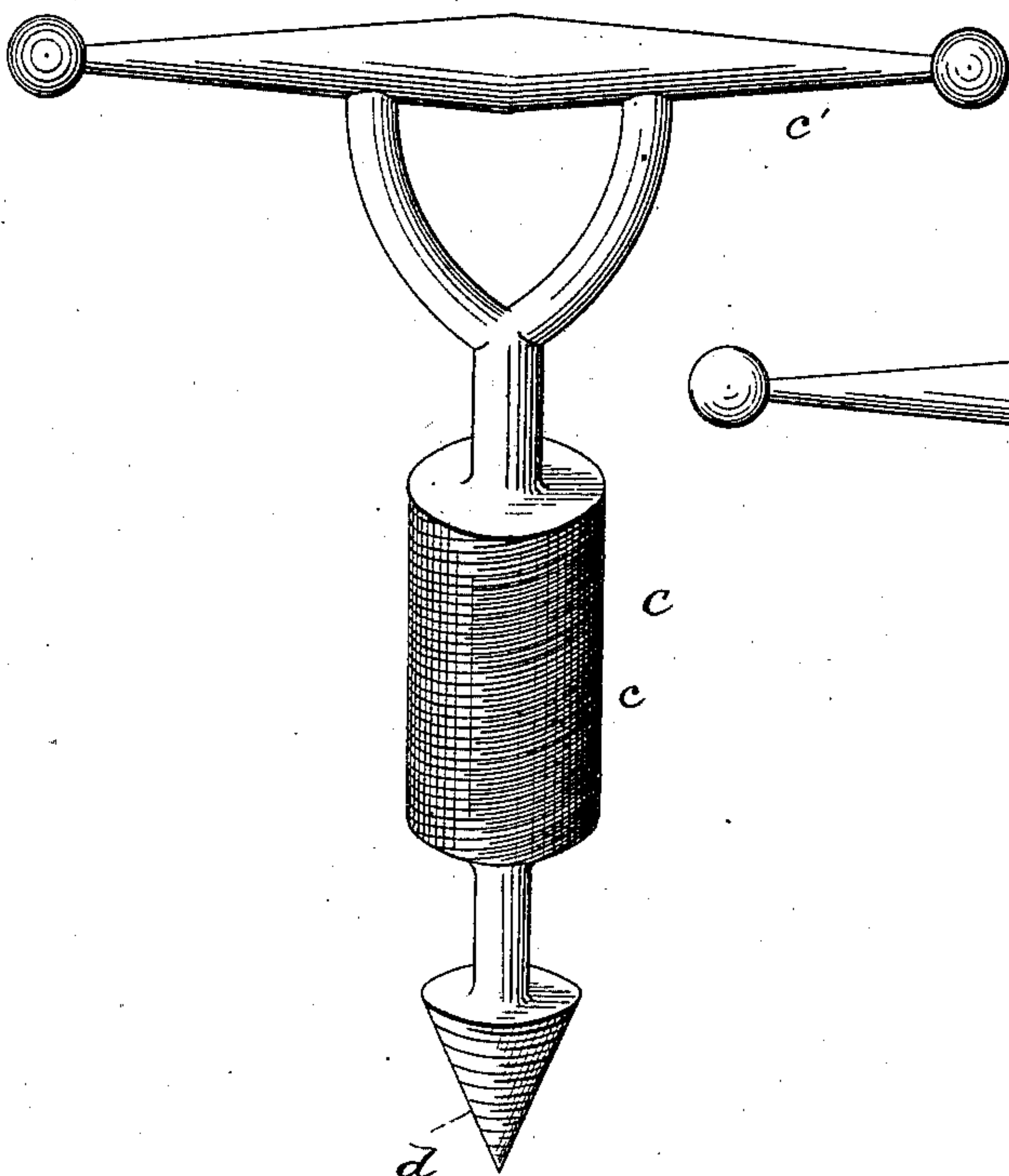
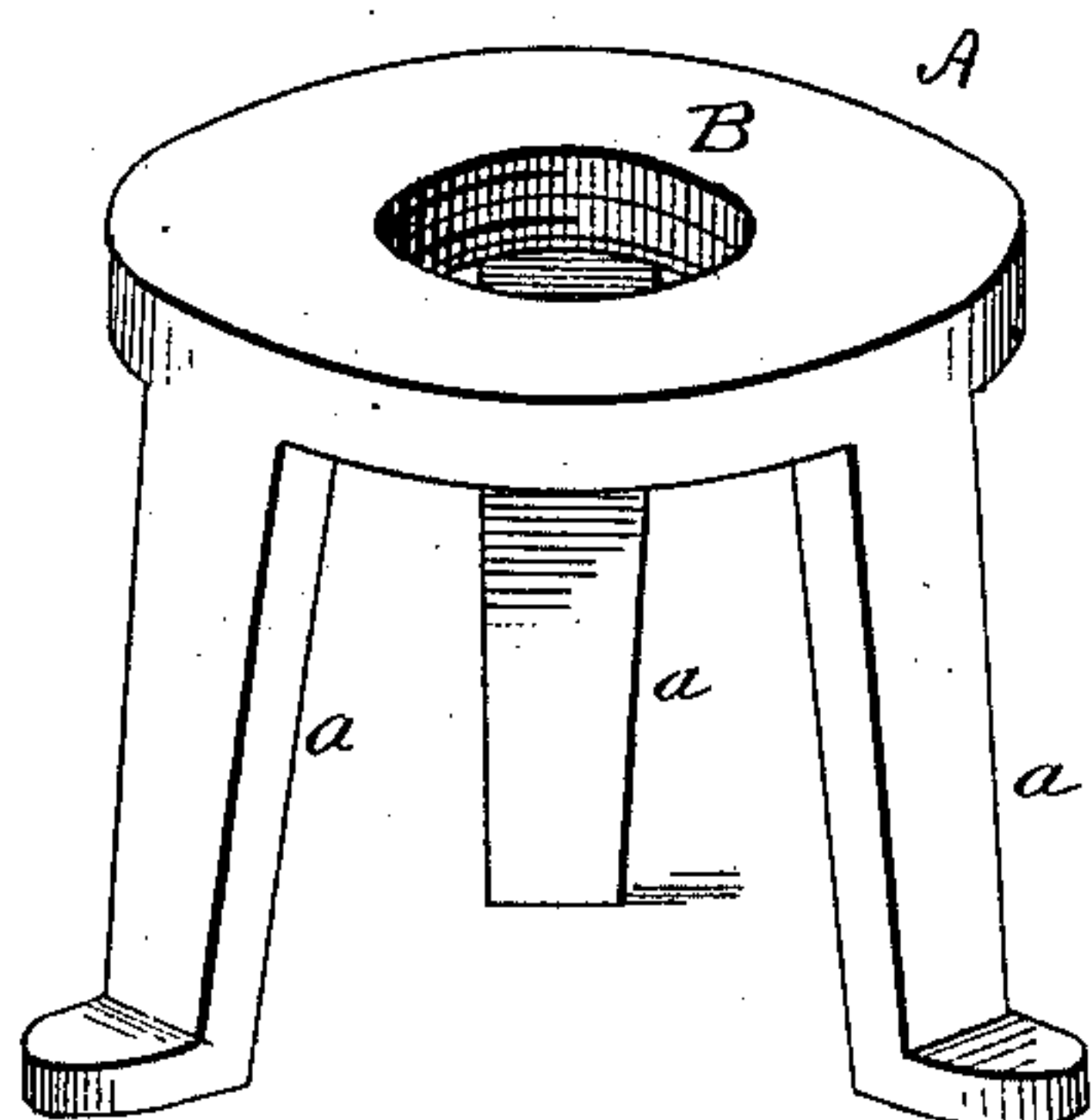
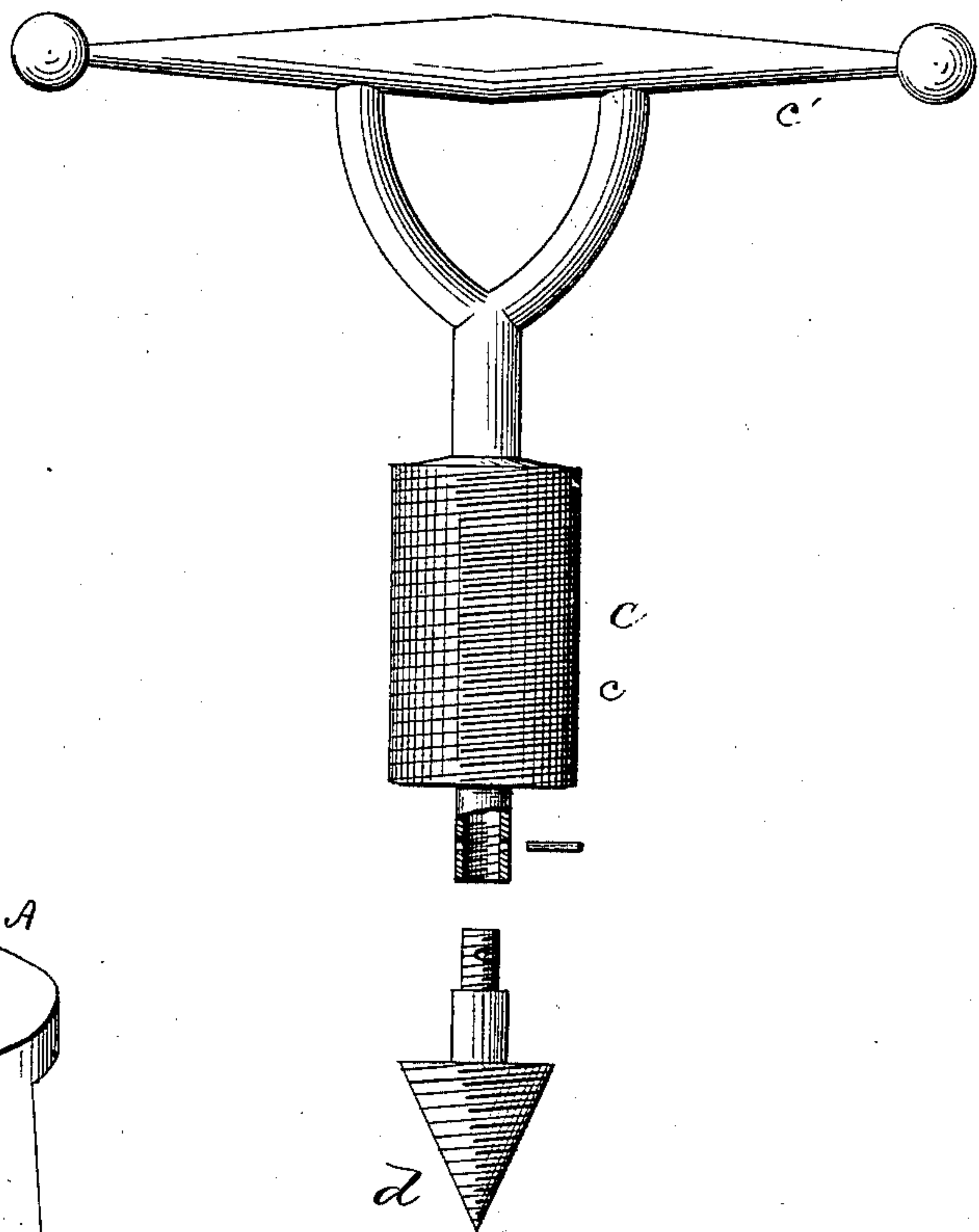


Fig. 2.



WITNESSES
F. L. Curran
E. G. Siggers

Chas O. Cook,

INVENTOR

by *C. A. Snow & Co*

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES O. COOK, OF OSWEGO, NEW YORK, ASSIGNOR TO JOHN BEARD
AND FREDERICK EARL, BOTH OF SAME PLACE.

BUNG-EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 304,800, dated September 9, 1884.

Application filed January 24, 1884. (Model.)

To all whom it may concern:

Be it known that I, CHARLES O. COOK, a citizen of the United States, residing at Oswego, in the county of Oswego and State of New York, have invented a new and useful Improvement in Bung-Extractors, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a device for extracting bungs from barrels and casks, and it has for its object to provide a device of this character whereby bungs may be extracted with ease and facility, and, further, to provide a device for this purpose of simple, cheap, and durable construction.

The invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a bung-extractor constructed in accordance with my invention. Fig. 2 is a modification.

In the accompanying drawings, in which like letters refer to corresponding parts in both the figures, A represents a disk or plate, having suitable supports or legs, *a*, the same being adapted to rest upon a barrel and occupy a position directly over the bung to be extracted. This disk or plate A is provided with a screw-threaded perforation or opening, B, in which works the bung-extractor C.

The extractor C consists of the upper screw-threaded portion, *c*, having a suitable handle, *c'*, for turning the same, projecting from the upper end thereof. The lower end of the screw-threaded portion is provided with an extension, *d*, which is screw-threaded, as shown, and is adapted to enter the bung for the withdrawal of the same. This lower screw-threaded extension may be formed integral with the

center portion, *c*; or the said center portion may have an opening or hole upon its lower end to receive the end of this extension, which may be secured therein by means of a transverse bolt passing through orifices in the parts, as shown, or other suitable fastening.

The operation is as follows: The screw-threaded disk having the supporting-legs is placed upon the barrel directly over the bung to be extracted. The bung-extractor C is then placed in the screw-threaded opening thereof and turned, thus causing the screw-threaded portion *d* to enter the bung, which may then be withdrawn by means of the handle *c'*, which also lifts the stand in which the extractor works from the barrel.

From the foregoing description it will be apparent that my improved bung-extractor is simple in its construction, and that it affords ready and efficient means for withdrawing bungs from barrels.

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

In a bung-extractor, the combination, with a plate having a screw-threaded opening and suitable supporting-legs, of an extractor consisting of a central screw-threaded portion, a suitable handle having a recessed extension at its lower end, and a screw-threaded portion adapted to be secured therein by means of a transverse bolt, substantially as set forth.

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

CHARLES O. COOK.

Witnesses:

CHARLES R. ALLISON,
CHARLES W. BARNES.

It is hereby certified that in Letters Patent No. 304,800, granted September 9, 1884, upon the application of Charles O. Cook, of Oswego, New York, for an improvement in "Bung-Extractors," was erroneously issued to said Charles O. Cook, John Beard, and Frederick Earl; that the patent should have been granted to the said John Beard and Frederick Earl as assignees and owners of the entire interest; and that the proper corrections have been made in the files and records pertaining to the case in the Patent Office, and should be read in the Letters Patent to make it conform thereto.

Signed, countersigned, and sealed this 30th day of September, A. D. 1884.

[SEAL.]

H. M. TELLER,

Secretary of the Interior.

Countersigned:

R. G. DYRENFORTH,

Acting Commissioner of Patents.