

No. 801,017.

PATENTED OCT. 3, 1905.

C. M. KAUTNIK.
TORCH LIGHT.

APPLICATION FILED DEC. 30, 1904.

Fig. 1.

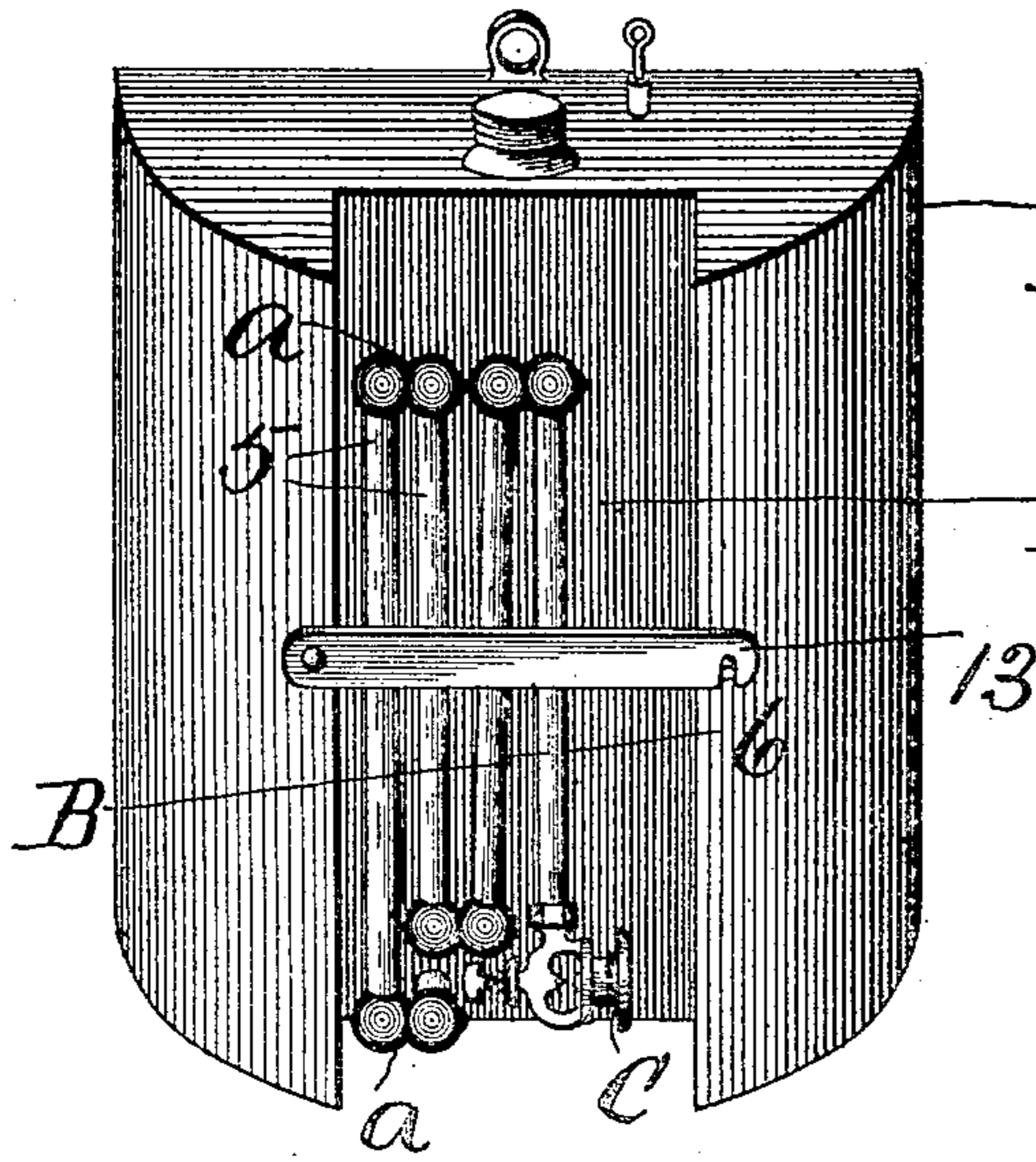


Fig. 2.

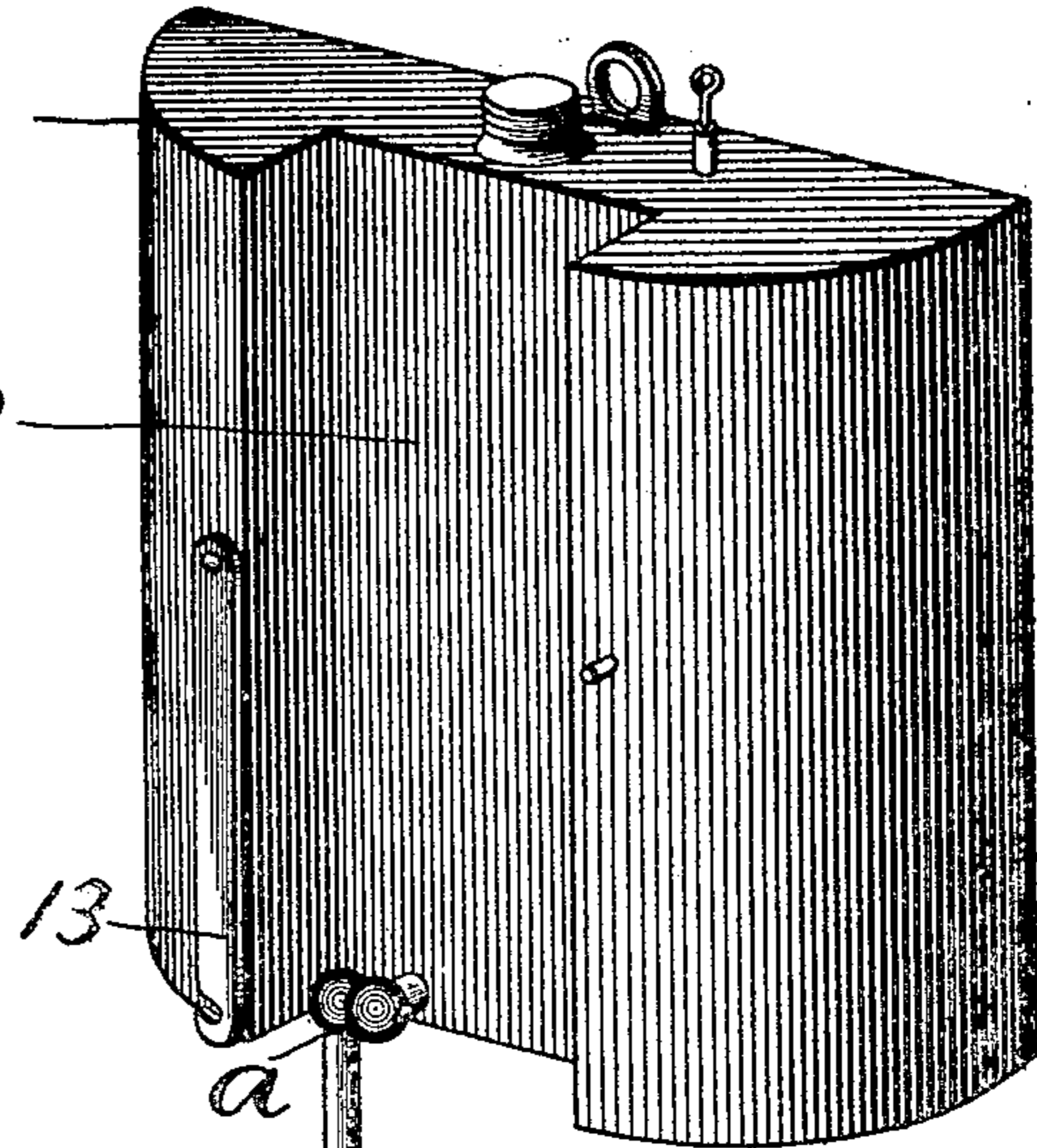


Fig. 3.

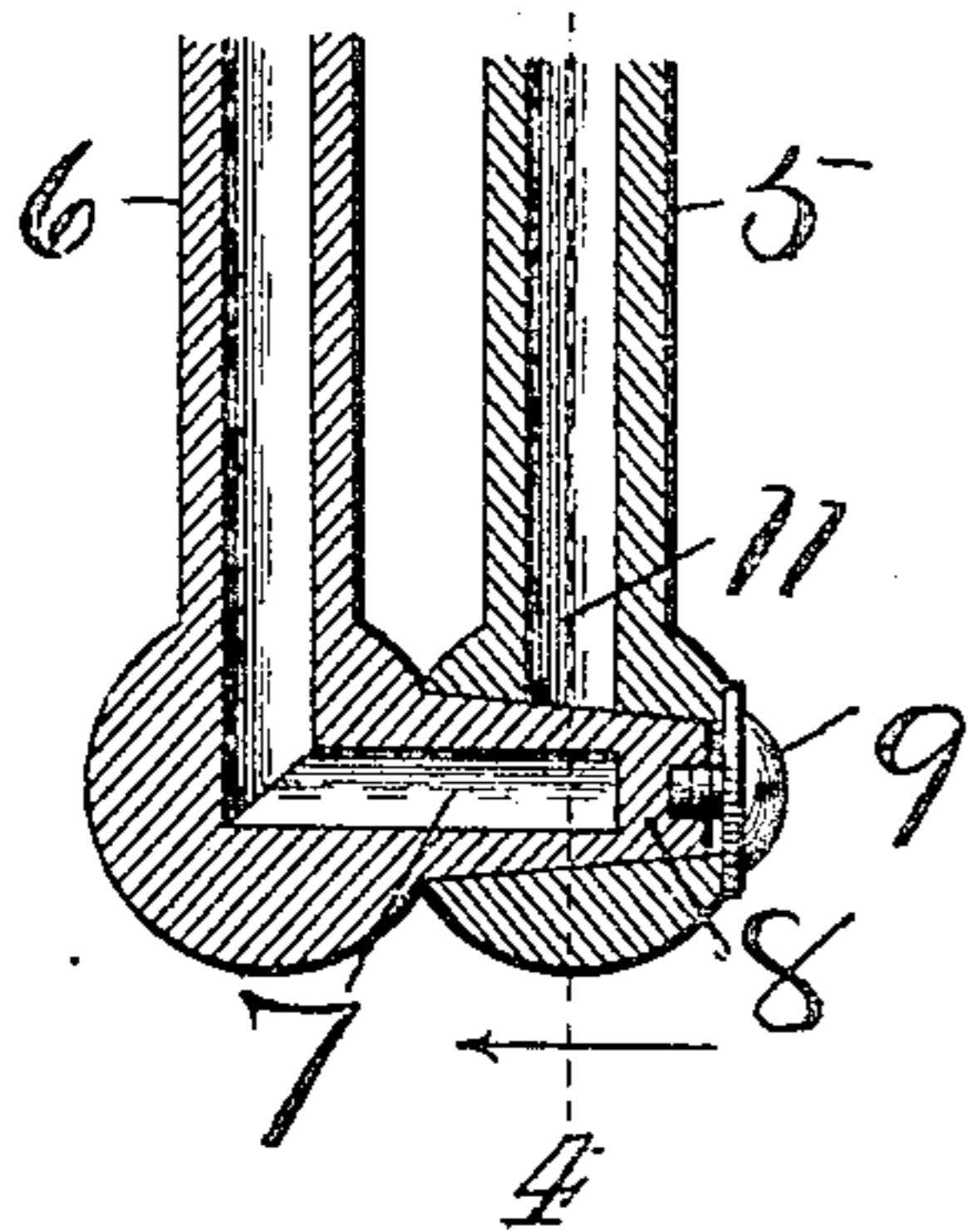
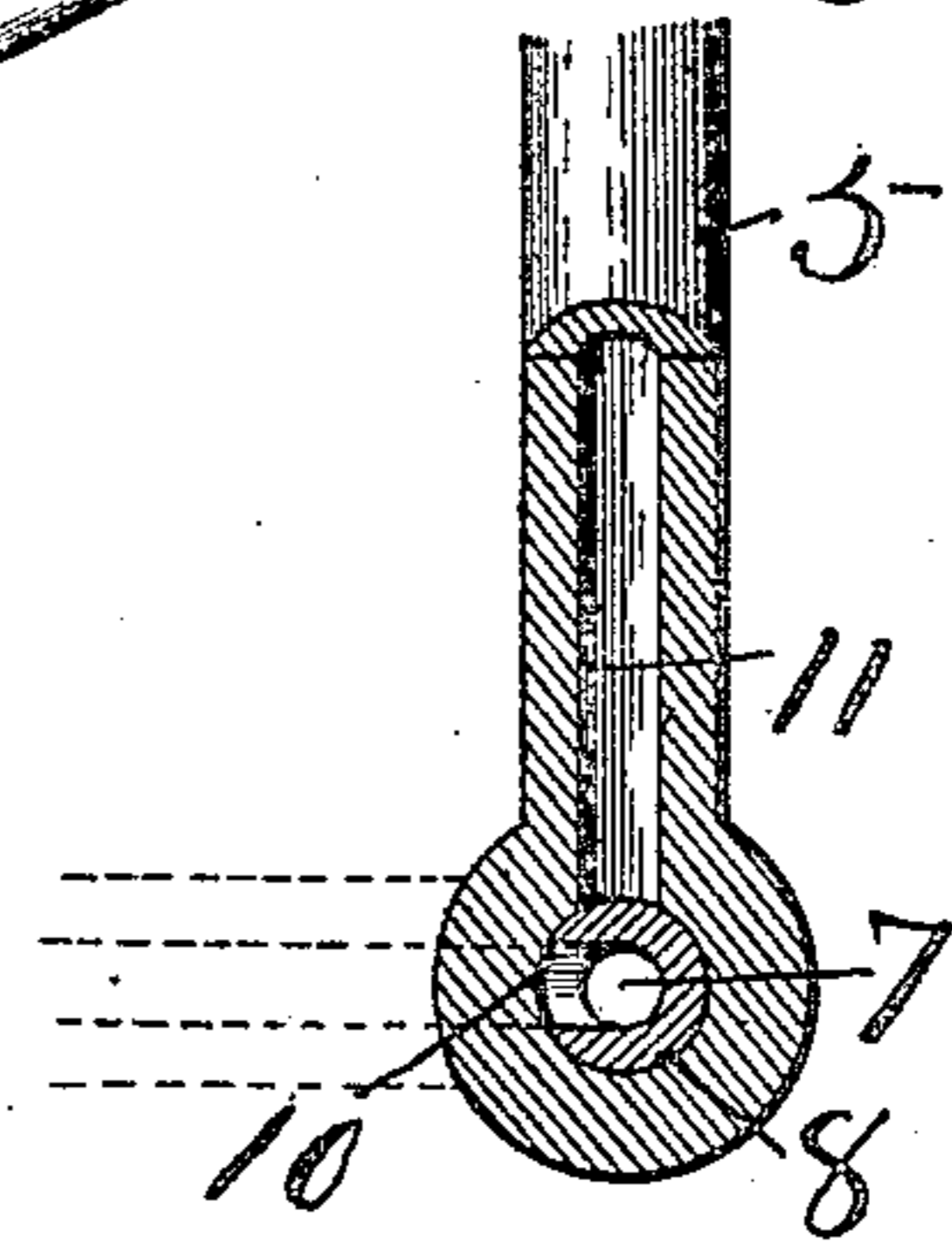
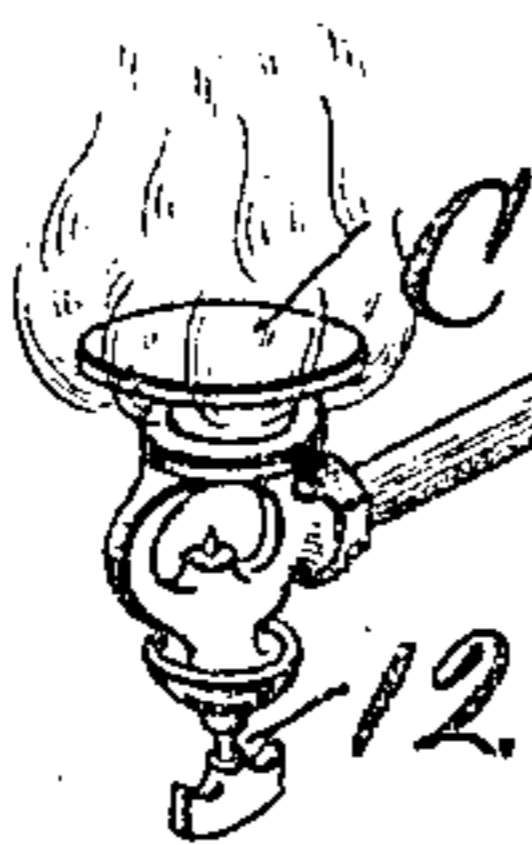


Fig. 4.



Witnesses:
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Att'y.

UNITED STATES PATENT OFFICE.

CARROLL M. KAUTNIK, OF CHICAGO, ILLINOIS.

TORCH-LIGHT.

No. 801,017.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed December 30, 1904. Serial No. 238,958.

To all whom it may concern:

Be it known that I, CARROLL M. KAUTNIK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Torch-Lights, of which the following is a specification.

This invention relates to improvements in an illuminating apparatus, and more especially of the portable torch-light class, and has for its object to provide a device of this character embracing certain novel features, as will be hereinafter set forth.

In the drawings, Figure 1 is an elevation in perspective. Fig. 2 is a view in perspective. Fig. 3 is a sectional detail; and Fig. 4 is a section on line 4, Fig. 3, looking in the direction indicated by the arrow.

A represents a receptacle or vessel containing the illuminating agent, and B a foldable pipe, connected at one end therewith for conducting the gas or fluid contents to the burner C.

The receptacle A is provided in the body thereof with a recess or chamber D for the compact reception of the jointed foldable pipe B, as shown in Fig. 1. This pipe is composed of a number of sections 5, joined together by flexible connections, as at *a*, in providing for a continuous tubular extension of any required length. The flexible connections will be of the usual construction in making a fluid-tight joint and at the same time provide for a free pivotal movement of the pipe-sections in folding and unfolding the same.

The last pipe-section 6, on which the burner C is mounted, is provided with a joint connection, so that when the same is folded parallel with the next joining section the tubular passage 7 is closed off, as shown in Fig. 3. This arrangement consists of a plug-valve connection 8, held in place by a screw 9. This valve is so positioned that when the burner-section 6 is in the opened-out position (shown in Fig. 2) the aperture 10, Fig. 3, registers with the passage 11 of the joining section. This dispenses with the necessity of having to manipulate the burner-valve 12

each time that the device is to be lighted or extinguished, as by folding the burner-section parallel with the next joining pipe-section the passage is closed and the light extinguished. Unfolding the same opens up a continuous passage between the receptacle and burner.

The recess or chamber formed within the contour of the receptacle provides a space in which the jointed pipe may be compactly folded and protected from injury when packed for storage or shipment. A retaining-bar prevents the folded pipe-sections from being accidentally misplaced.

The advantage of a flexible jointed pipe over that of a rigid one when used in connection with a portable lighting apparatus is especially convenient for street and outdoor vendors who move from place to place in not only permitting of the pipe being folded up out of the way, but also in providing for a pipe of any required length, as one or more sections may be opened out at a time in practical use.

Having thus described my invention, what I claim is—

1. In a device of the class described, a receptacle having a recess or chamber formed in the exterior surface thereof, and a pipe composed of a number of sections connected together by flexible joints and adapted to fold up within said recess or opened out therefrom.

2. In a device of the class described, a receptacle capable of holding an illuminating agent and provided exteriorly with a recess or chamber, of a burner-pipe composed of a number of jointed sections and adapted to be folded up within the space of said recess out of the way or opened outward therefrom.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CARROLL M. KAUTNIK.

Witnesses:

L. B. COUPLAND,
G. E. CHURCH.