

No. 675,262.

Patented May 28, 1901.

J. H. BRADLEY.
INTRENCHING TOOL.

(Application filed Dec. 11, 1900.)

(No Model.)

Fig. 1.

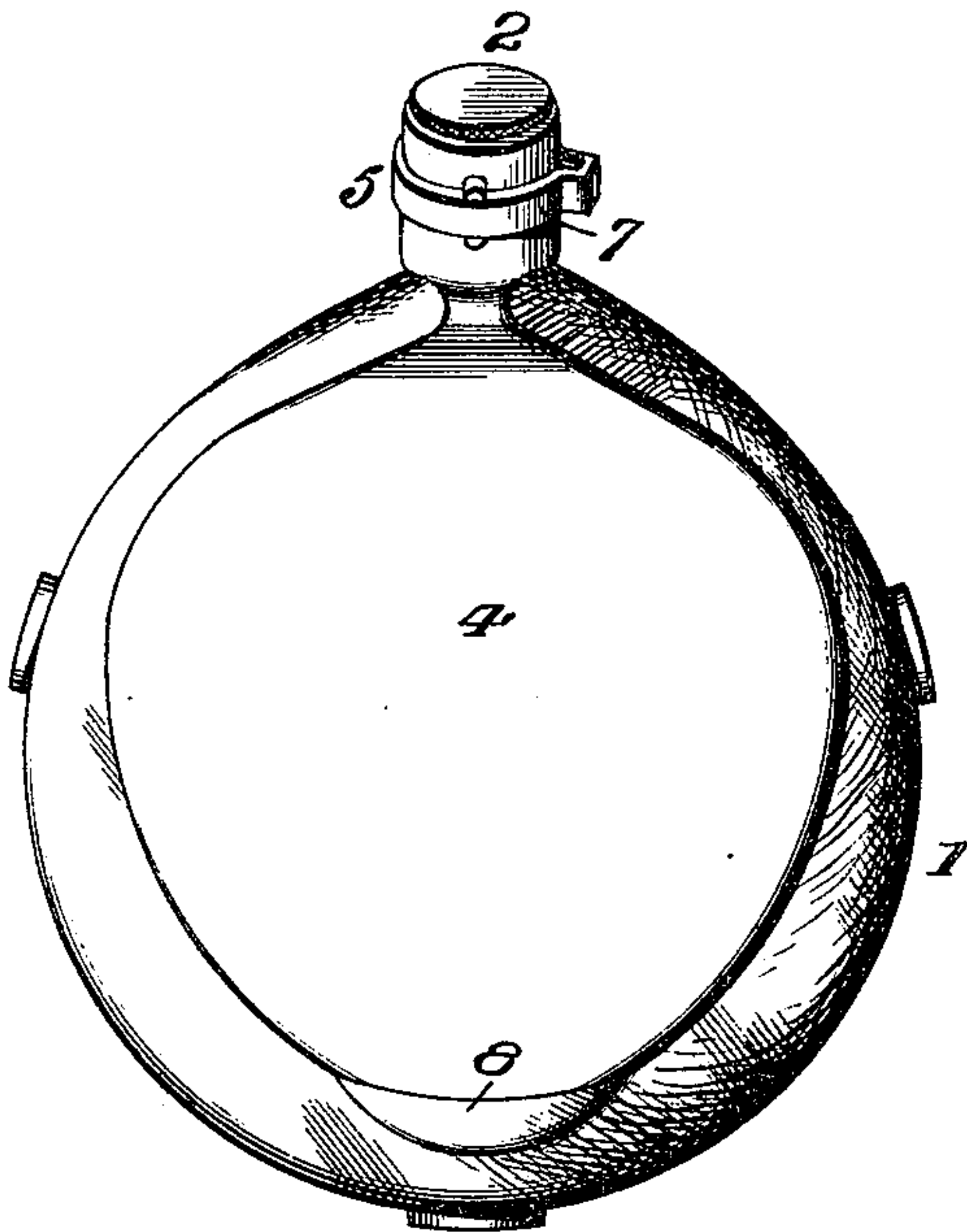


Fig. 2.

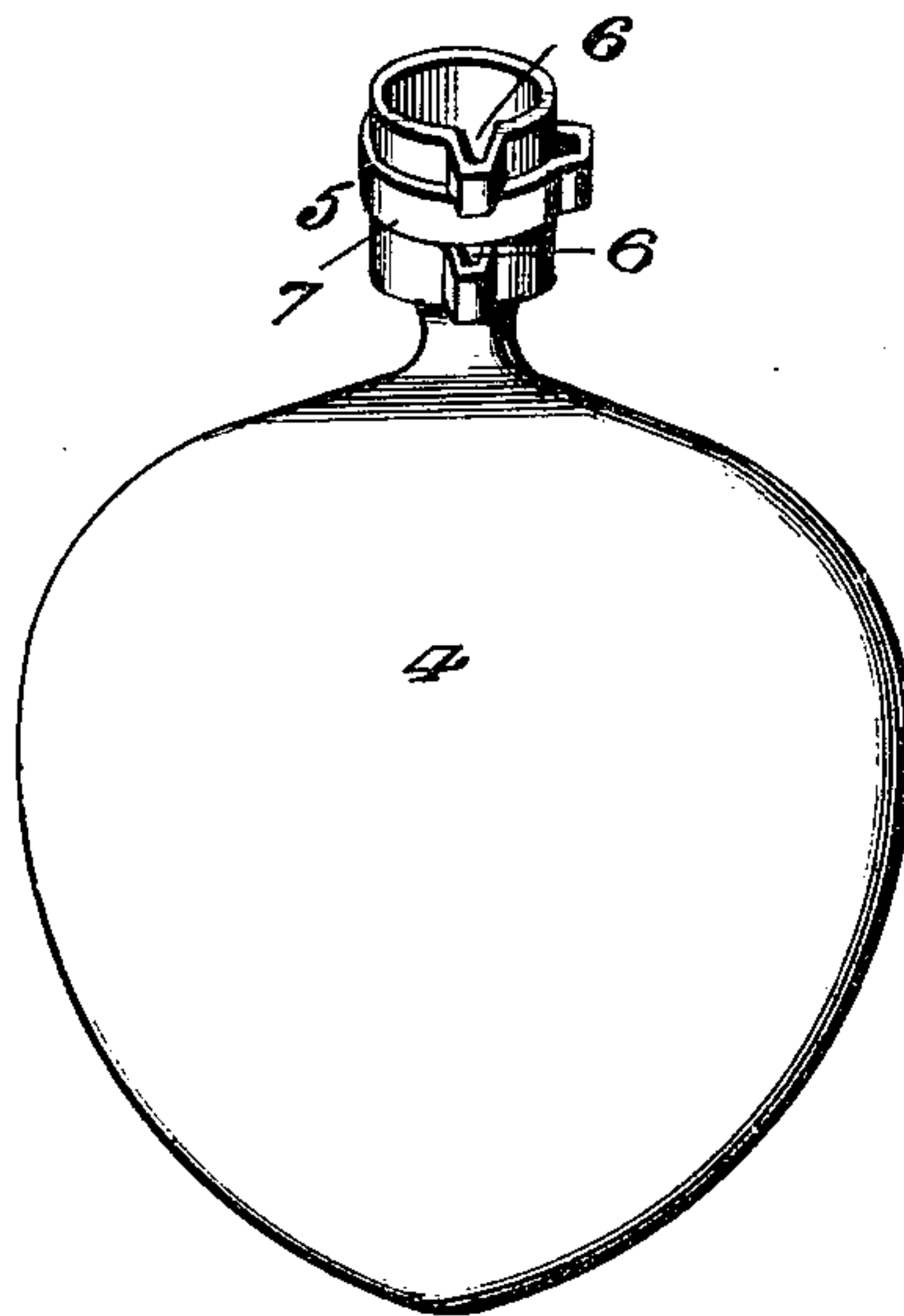


Fig. 5.

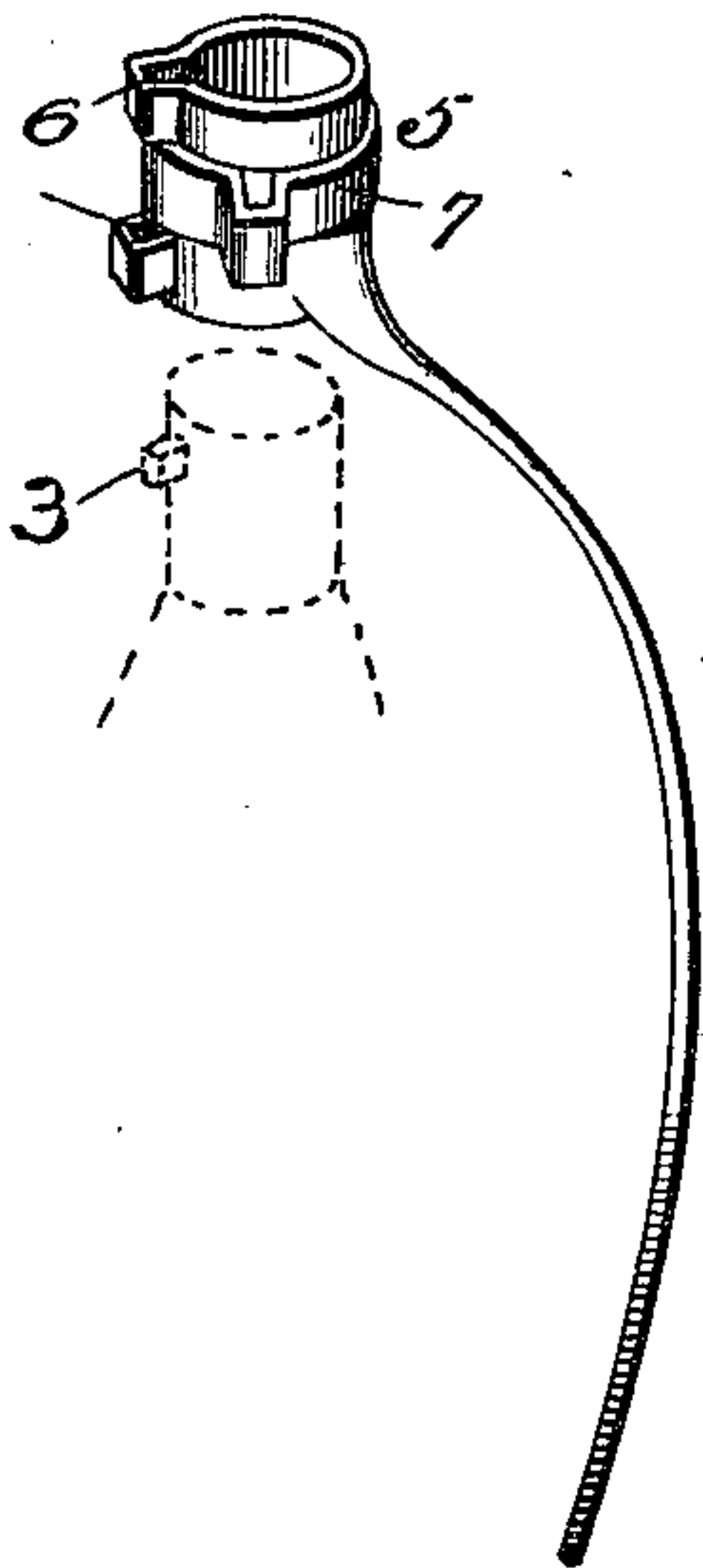


Fig. 3.

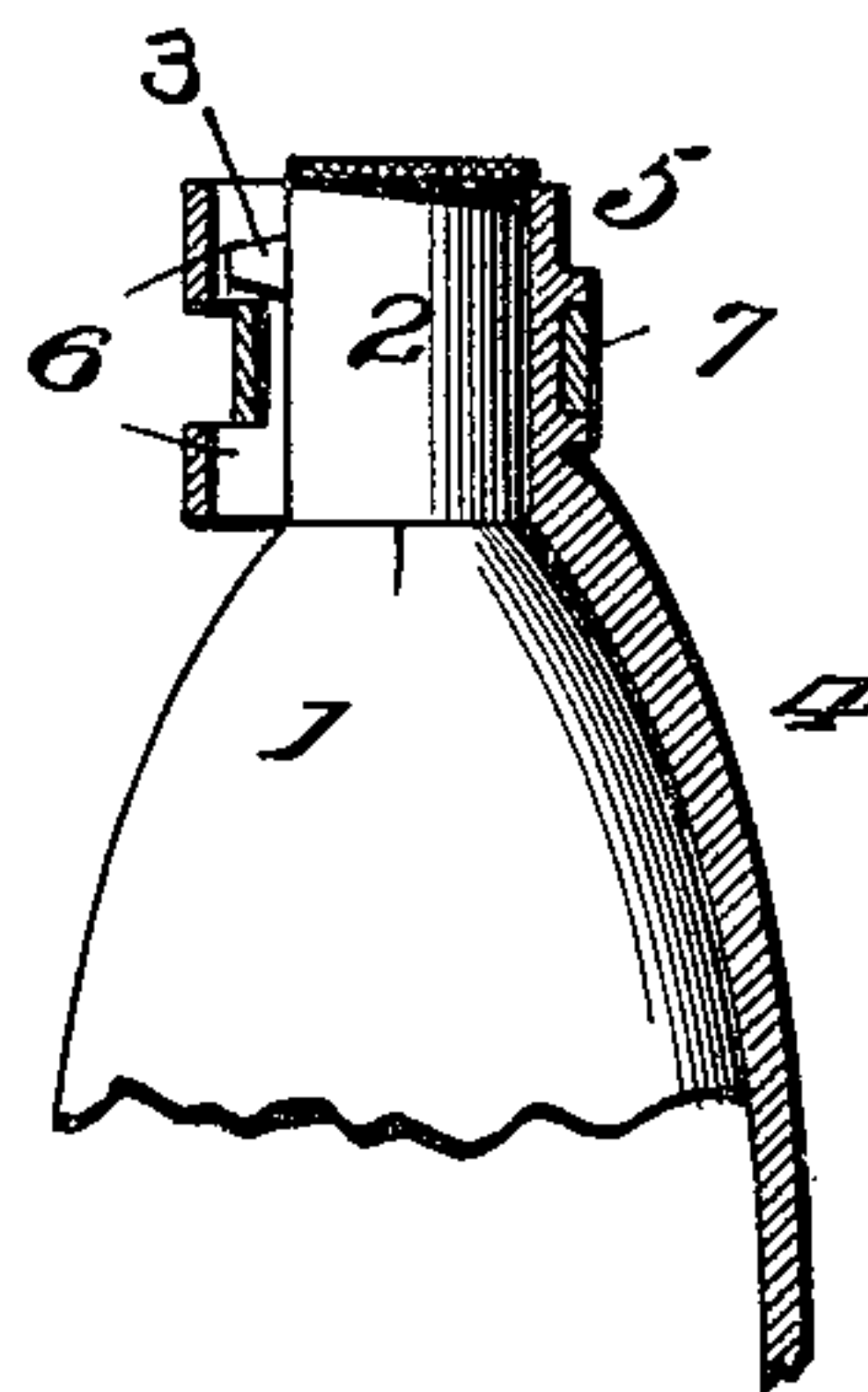
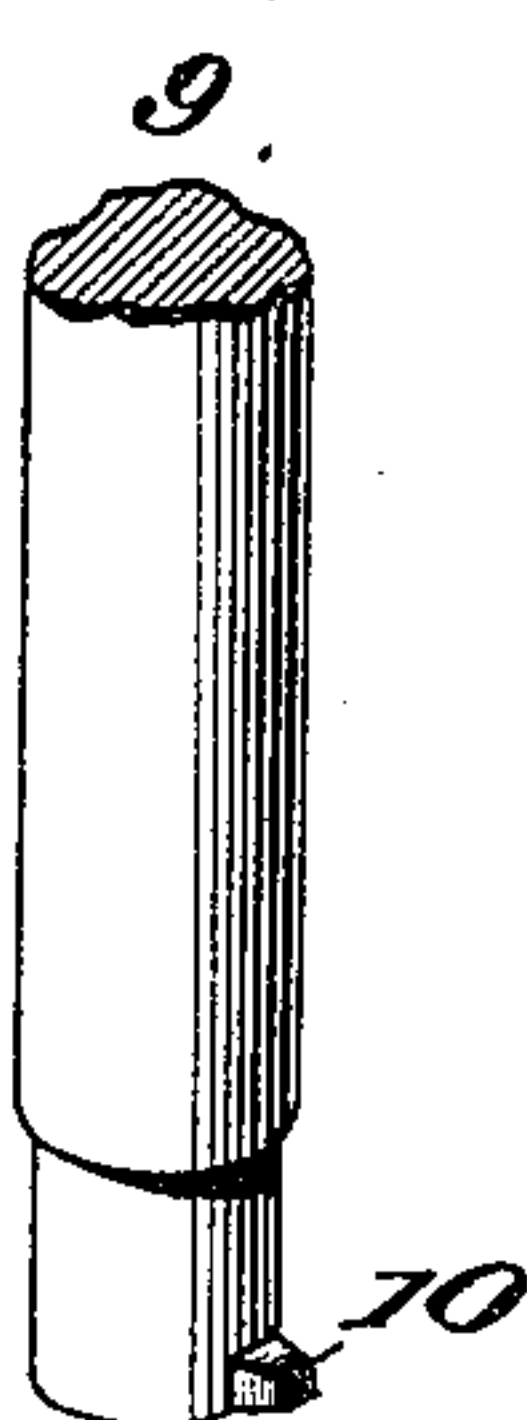


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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INTRENCHING-TOOL.

SPECIFICATION forming part of Letters Patent No. 675,262, dated May 28, 1901.

Application filed December 11, 1900. Serial No. 39,486. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. BRADLEY, of National Soldiers Home, in the county of Elizabeth City and State of Virginia, have invented certain new and useful Improvements in Intrenching-Tools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to intrenching-tools.

One object of the invention is to provide improved means for so positioning an intrenching-tool on a canteen that it will be securely held in place and is capable of being readily removed when desired for use.

A further object is to so construct the tool that it may be manipulated by a single handle-rod.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view showing a canteen with the intrenching-tool in position. Fig. 2 is a view of the tool detached. Fig. 3 is a vertical sectional view through the neck of the canteen, showing the upper portion of the tool. Fig. 4 is a view of a portion of the handle-rod. Fig. 5 is a side elevation of the tool with the canteen shown in dotted lines.

Referring to the drawings, 1 designates a canteen, 2 the neck thereof, of cylindrical formation, and 3 a lug projecting laterally from such neck.

4 is the intrenching-tool, having the general outline of a spade and provided at its top with a cylindrical socket 5, formed at one side with upper and lower projections having each an internal groove 6. Surrounding this socket, intermediate of and held in position by said projections, is a loose ring 7, also having a projecting grooved portion corresponding to the grooved portions of the socket.

When the tool is to be attached to the canteen, the ring 7 is turned axially, so that its groove will register with the grooves 6 to accommodate the lug 3, after the insertion of which the socket is slipped over the neck of the canteen and the ring is turned to one side, thereby locking the tool in place.

To further insure the tool being firmly sup-

ported on the canteen and to prevent the pointed end from being exposed, I form one side of the canteen with a pocket 8, which is of such shape and size as to admit said end as the latter is pushed down over the side of the canteen while the socket is being positioned on the neck.

9 designates a handle-rod, which at one of its ends is formed with a reduced portion like the neck of the canteen—that is, of the same cross-sectional diameter and provided with a lug 10, by which the rod may be held to the tool by the turning of the ring. When not in use, this handle-rod may be carried in the haversack or other convenient place.

From what has been said it will be seen that an intrenching-tool constructed in accordance with my invention may be easily secured upon a canteen and also that when in use it may be manipulated by means of a single handle-rod, which has been found very desirable. Furthermore, no amount of jolting will displace the tool, and the point thereof is protected by means of the inclosing pocket.

I claim as my invention—

1. The combination with a canteen having its neck formed with a lug, of an intrenching-tool designed to fit on the side of the canteen and provided with a socket adapted to be positioned on said neck, said socket having a groove to accommodate said lug, and a loose ring on said socket, said ring having a groove to admit said lug and designed to lock the socket on the neck, as set forth.

2. The combination with a canteen having a pocket on one side and a neck formed with a lug, of an intrenching-tool designed to conform to the side of the canteen and to fit at its pointed end in said pocket, a socket formed with said tool having grooved projections to accommodate said lug, and a ring loose on said socket between said projections, said ring having a grooved projection, substantially as set forth.

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

JOS. H. BRADLEY.

Witnesses:

JOHN R. WIGGINS,
JAMES L. PURDY.