No. 763,338. PATENTED JUNE 21, 1904.

J. M. BAKER.

HOSE CARRYING TONGS.

APPLICATION FILED FEB. 23, 1904.

NO MODEL. 2 SHEETS—SHEET 1.

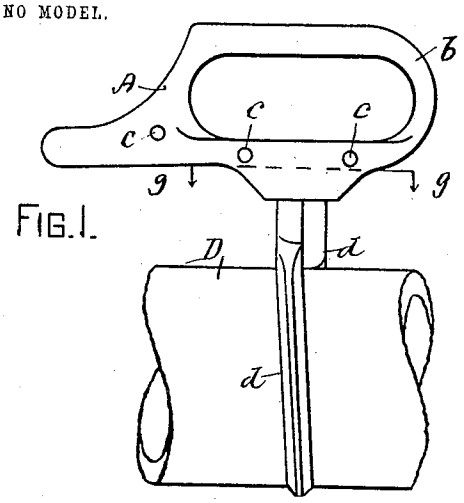


FIG. 1.

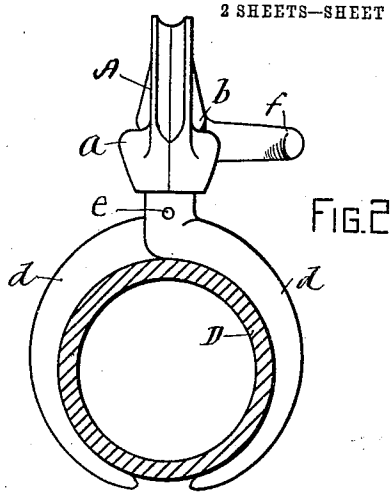


FIG. 2.

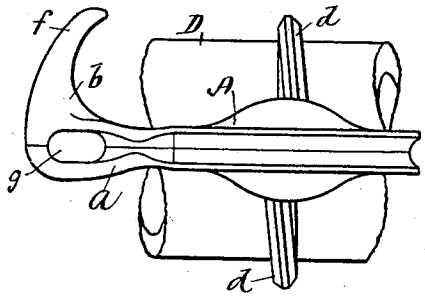


FIG. 3.

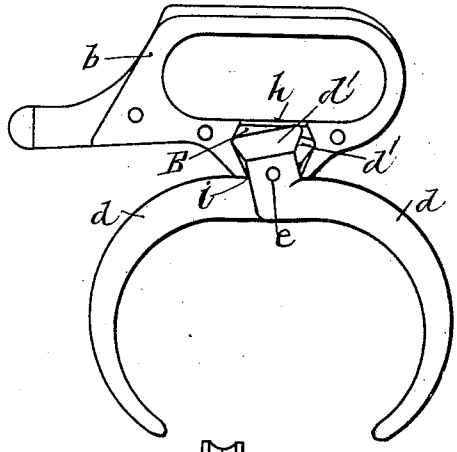


FIG. 6.

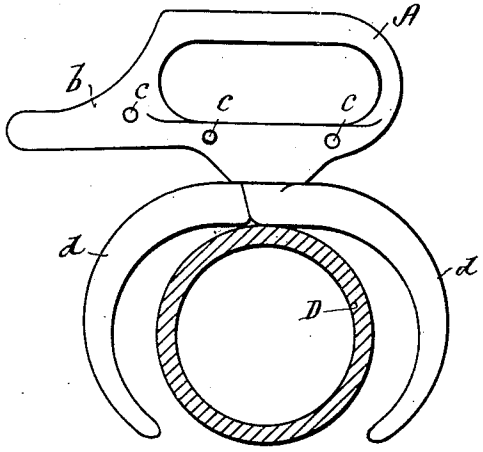


FIG. 4.

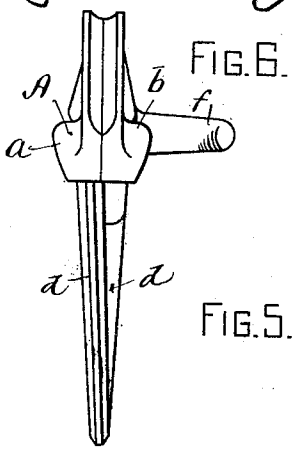


FIG. 5.

WITNESSES

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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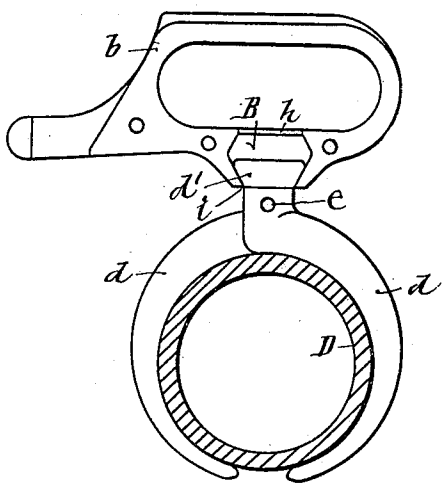


FIG. 7.

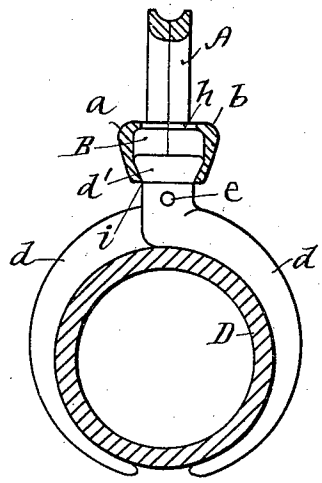


FIG. 8.

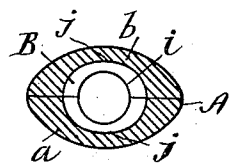


FIG. 9.

WITNESSES

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No. 763,338. Patented June 21, 1904.

UNITED STATES PATENT OFFICE.

JAMES M. BAKER, OF PROVIDENCE, RHODE ISLAND.

HOSE-CARRYING TONGS.

SPECIFICATION forming part of Letters Patent No. 763,338, dated June 21, 1904.

Application filed February 23, 1904. Serial No. 194,950. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. BAKER, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Hose-Carrying Tongs, of which the following is a specification.

It is the object of my invention to provide a means for readily grasping a line of fire-hose and transporting it to the point desired; and my invention consists in a pair of tongs adapted for closure upon the hose by turning the loose handle of the tongs, as hereinafter set forth.

In the accompanying drawings, Figure 1 represents a side view of a portion of the hose with the tongs closed thereon, the handle being turned to the carrying position. Fig. 2 represents a side view of the tongs clasping a section of the hose and with the handle turned as shown in Fig. 1. Fig. 3 represents a top view of the same. Fig. 4 represents a side view showing the tongs in their opened position. Fig. 5 represents an edge view of the tongs shown in Fig. 4. Fig. 6 represents a side view as in Fig. 4, with one side of the handle removed to show the construction of the head of the tongs and of the chamber in which it is held. Fig. 7 represents the same view as in Fig. 6, with the tongs closed upon a section of hose by pulling upward upon the handle. Fig. 8 represents the tongs as closed upon a section of hose and locked thereon by turning the handle from the position shown in Fig. 7 to a position at right angles thereto. Fig. 9 represents a section taken through the handle in the line 9 9 of Fig. 1, showing the elongated form of the chamber for holding the head of the tongs.

In the drawings, A represents the handle, which is preferably cast in two parts *a* and *b*, the said parts being connected to each other by means of the rivets *c c*, and when the two parts *a* and *b* of the handle are riveted together they form the chamber B, having at its middle portion an elongated cross-section, as shown in Fig. 9, and having an upper circular opening *h* and a lower circular opening *i*, the lower side of the said chamber being made of downwardly-tapering form to fit the outwardly-flaring head of the tongs, as shown in Figs. 6, 7, and 8, the said upper opening *h* of the handle serving to prevent the obstruction of the action of the tongs by the accumulation of ice in the chamber B, and when the open tongs are placed over the hose D, as shown in Fig. 4, and the handle A turned to a position at right angles with the plane of the tongs, as shown in Figs. 1, 2, and 3, the hose will be firmly held by the tongs and may be transported by hand as desired and be instantly released from the tongs by turning the handle A back to the position shown in Fig. 4. The opposite parts *d d* of the tongs are pivoted to each other at the point *e*, each part being provided with an outwardly-flaring head *d'*, which is operated upon to close the tongs by the opposite cam-surfaces *j j* of the chamber B.

The handle A is provided at one side with a hook *f* for attaching the hose to one of the rounds of a ladder and also with the opening *g*, adapted for use in either tightening or loosening the coupling-joints of the hose, as may be required.

I claim as my invention—

1. In a hose-carrying tongs, the combination of the handle provided with the chamber of elongated cross-section, and the loosely-held tongs having its head held within the said chamber, and adapted for closing movement upon the turning of the handle.

2. In a hose-carrying tongs, the combination of the handle provided with the chamber of elongated cross-section, having an upper opening into the chamber, the loosely-held tongs having its head held within the said chamber, and adapted for closing movement upon the turning of the handle.

3. In a hose-carrying tongs, the combination of the handle provided with the chamber of elongated cross-section, and having a downwardly-converging surface at its lower portion, with the loosely-held tongs provided with

the upwardly-expanding head for engagement with the downwardly-converging surface of the chamber of the handle.

4. In a hose-carrying tongs, the combination of the handle provided with the chamber of elongated cross-section, and with the hook adapted for engagement with the ladder, with the loosely-held tongs having its head held within the said chamber, and adapted for closing movement upon the turning of the handle.

JAMES M. BAKER.

Witnesses:
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JOHN T. CORLEY.