No. 860,226. PATENTED JULY 16, 1907.

E. MOAT.

COMBINATION TOOL.

APPLICATION FILED JUNE 27, 1904.

Fig. 4.

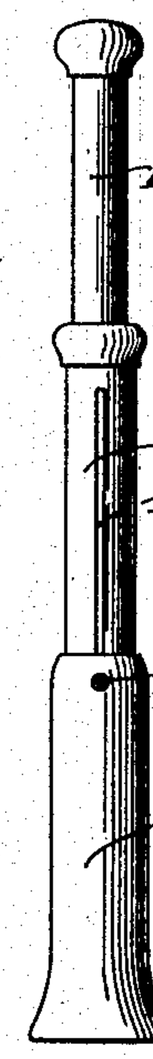


Fig. 3.

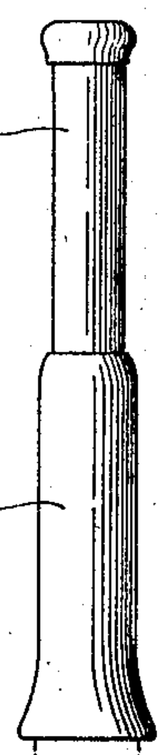


Fig. 1.

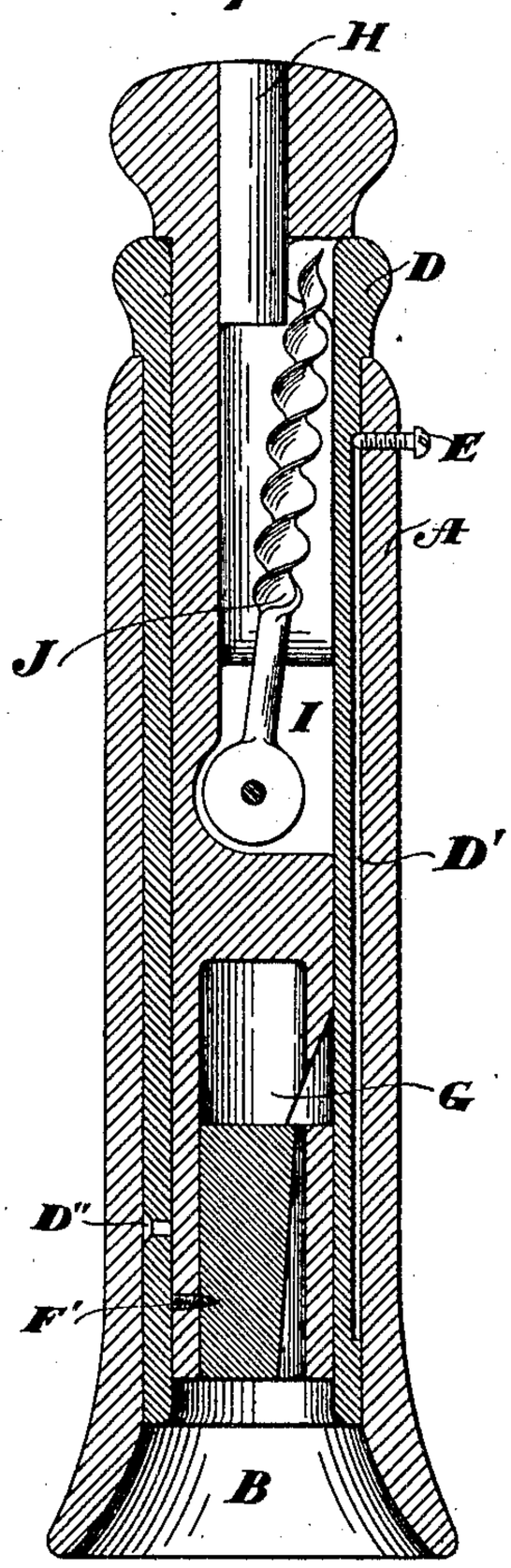


Fig. 2.

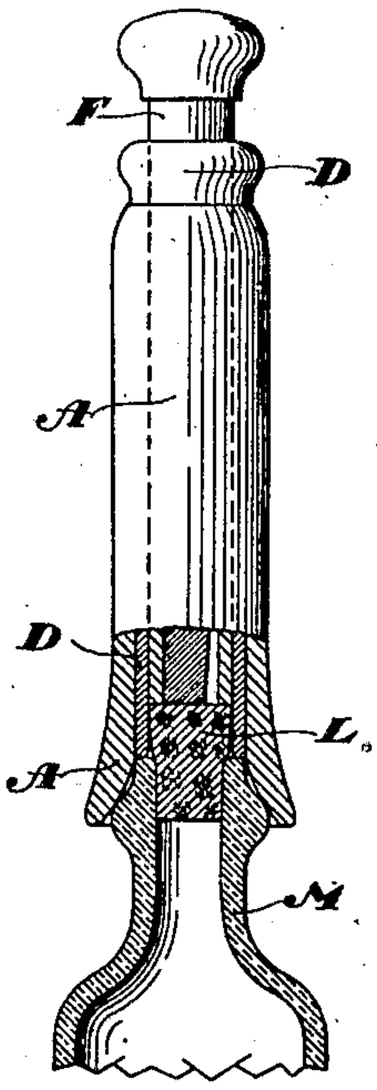


Fig. 5.

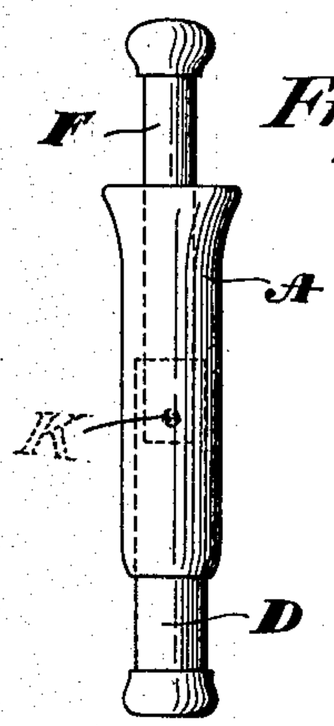


Fig. 6.

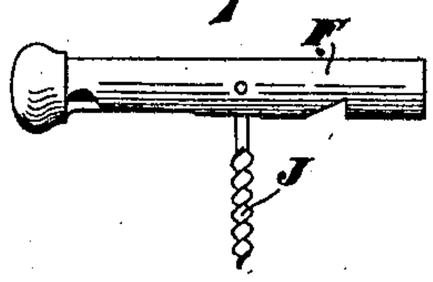


Fig. 7.

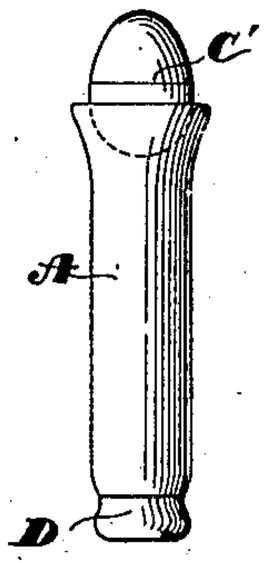
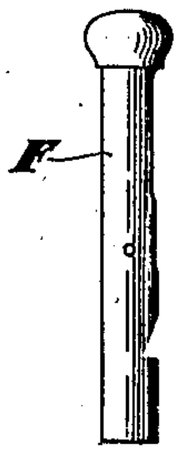


Fig. 8.



WITNESSES

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ELIJAH MOAT, OF LOS ANGELES, CALIFORNIA.

COMBINATION-TOOL.

No. 860,226. Specification of Letters Patent. Patented July 16, 1907.

Application filed June 27, 1904. Serial No. 214,422.

To all whom it may concern:

Be it known that I, ELIJAH MOAT, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Combination-Tools, of which the following is a specification.

My invention relates to a tool in which the parts taken together may be used for corking bottles and a portion of the parts taken singly may be used for uncorking bottles and certain of the parts may be used as an egg tester or for an instrument for concentrating vision or for an ear trumpet and by different arrangements may be used for other purposes collectively or singly as hereinafter explained; and the object thereof is to produce a combination tool of few parts and of great diversity of use. I accomplish this object by the tool described herein and illustrated in the accompanying drawings in which:—

Figure 1 is a central longitudinal section showing my tool assembled for use as a bottle corker. Fig. 2 is a side elevation partly in section showing its use in corking bottles. Fig. 3 is a side elevation showing certain of the parts assembled together for use as an egg tester, ear trumpet, or as an instrument for concentrating vision or as a megaphone. Fig. 4 is a side elevation of the parts shown in Fig. 1 in their extended position in which the tool may be used as a double tone tuning pipe or as a reed or whistle dinner call. Fig. 5 is a side elevation of the parts shown in Fig. 1 but differently arranged to enable their use as a reed and whistle telescopic siren. Fig. 6 is a side elevation of the central member shown in Fig. 1, showing it adapted for use as a cork-screw. Fig. 7 is a side elevation of the parts shown in Fig. 3 collapsed for use as a ball juggler cup, or as an egg cup, or as a flower vase. Fig. 8 is a similar view to Fig. 6 from the opposite side with the cork pulling screw folded out of sight, in which said part may be used as a child's reed and whistle or a police whistle.

In the drawings A is the outer cylindrical shell of my combination tool and is provided with the flaring end or mouth B which receives the egg C or C′ when the parts are used as an egg tester or a ball juggler's cup, and which concentrates the sound when the parts are used as an ear trumpet and diffuses sound when used as a megaphone.

D is a central tubular telescopic section which is slidably mounted in the outer shell and is provided with a groove D′ in the side thereof for the reception of the end of the screw E, which screw passes in threaded contact through the outer shell to hold the parts from separating and at the same time to permit of the telescopic movement of the part D into and out of the shell to adjust the tool for use as an egg tester, or as an ear trumpet or as a juggler's cup or as a flower vase or as a megaphone. Within the tube D is the plunger F in one end of which is the whistle G and in the other end of which is the horn H. In the side of this plunger is a recess I in which is mounted the screw J by means of which corks may be pulled out of bottles when the plunger is removed from the other parts. By folding the screw within the plunger as shown in Figs. 1 and 8 the plunger is adapted for use as a child's combination reed and whistle or musical lung developer, and it also may be used as a police whistle.

In the end of the telescoping member D is a screw hole D″ and in the end of the plunger is another screw hole F′ which receive the screw K shown in dotted lines in Fig. 5 that unites the telescopic member D and the plunger together when it is desired to use them as a combination reed and whistle telescopic siren as shown in Fig. 5, thereby enabling the two parts to move together through the outer shell thus modifying and changing the tone of the horn or the whistle depending upon which part is used to produce sound.

When using the tool as an instrument for putting corks in bottles, the cork L is placed within the end of the telescopic member D and the mouth of the bottle M is placed within the flaring mouth of the outer shell and the cork is driven into the bottle as shown in Fig. 2 by pressure exerted upon the plunger.

When not in use the parts neatly and compactly telescope as shown in Fig. 1, and the tool may be conveniently carried in the coat pocket. By this combination of parts I have provided a simple and efficient tool which is adapted to many uses.

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

1. A combination tool comprising telescopic shells having limited sliding connection with each other and a plunger sliding within the inner shell, said plunger having a whistle in one end, and a horn in the opposite end.

2. A combination tool comprising telescopic shells having limited sliding connection with each other and a plunger sliding within the inner shell, said plunger having a whistle in one end, and a horn in the opposite end, the plunger having a recess therein, and a screw mounted in the recess.

In witness that I claim the foregoing I have hereunto subscribed my name this 21st day of June, 1904.

ELIJAH MOAT.

Witnesses:
G. E. HARPHAM,
HENRY T. HAZARD.