Oct. 31, 1950 G. D. MEGGINSON 2,527,756

TURKEY CALLER

Filed Aug. 22, 1949

Fig. 1.

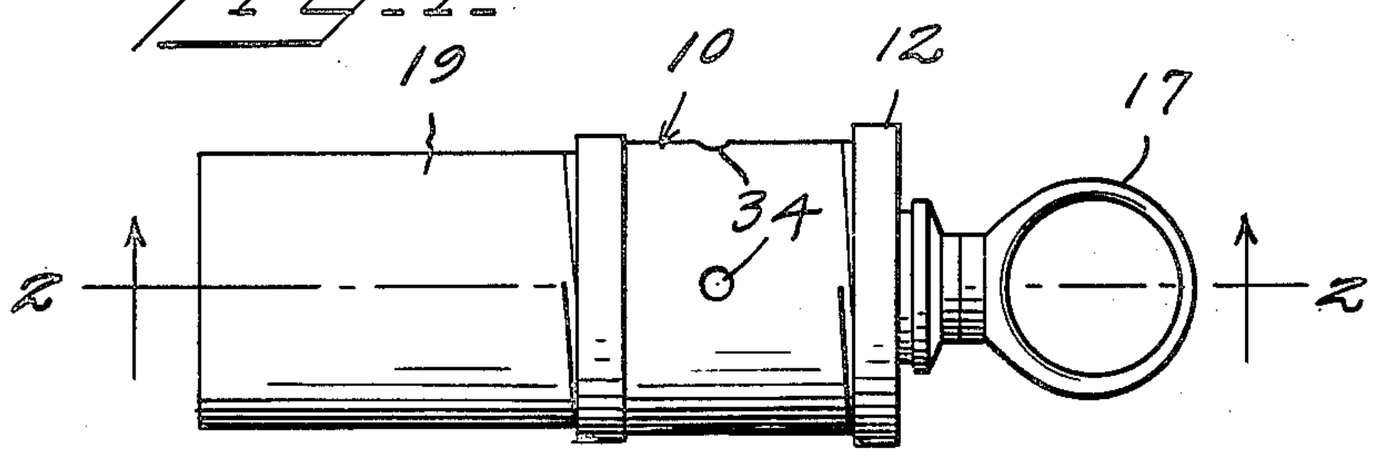


Fig. 2.

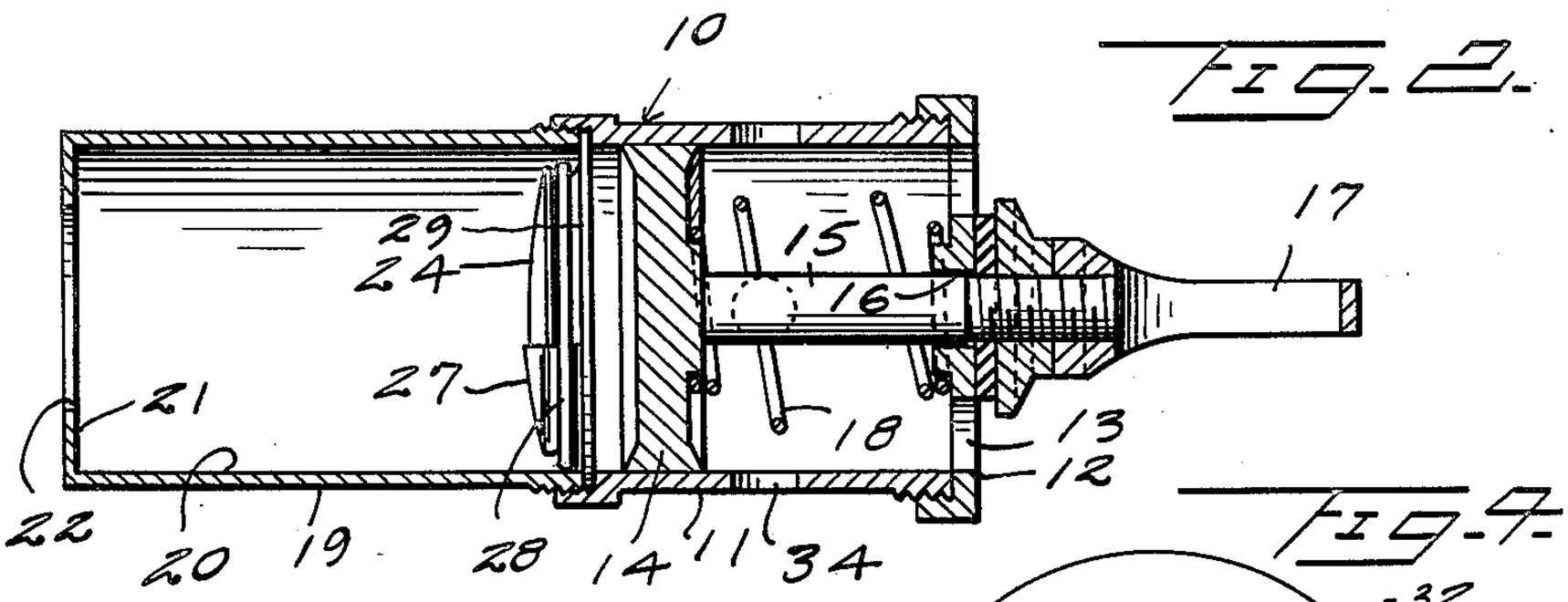


Fig. 3.

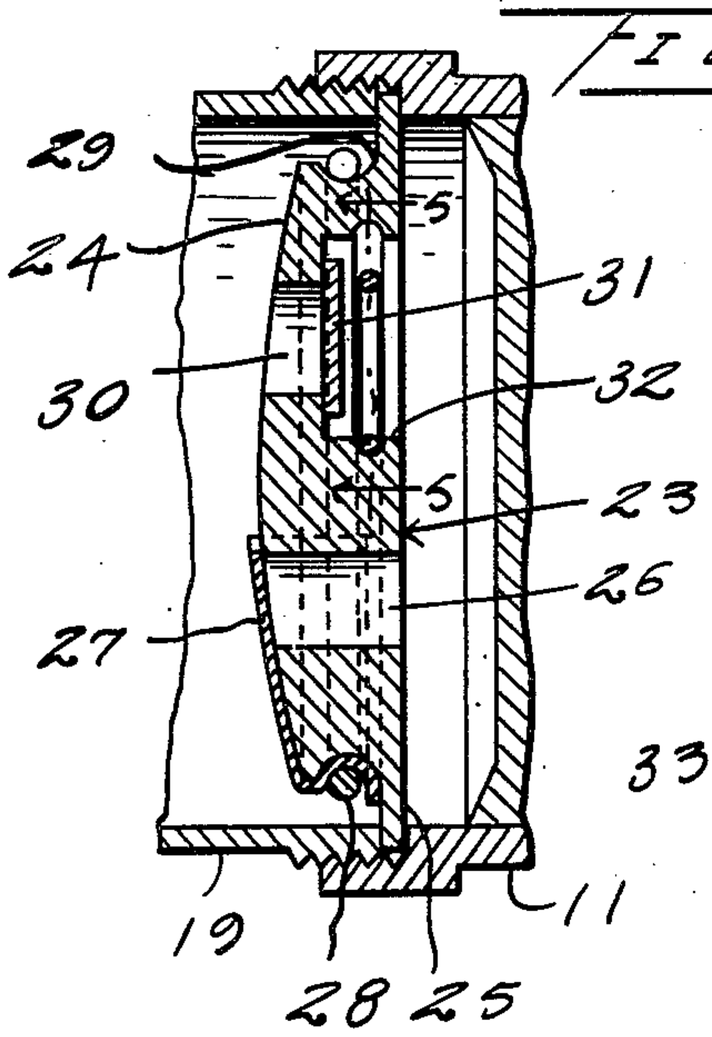


Fig. 4.

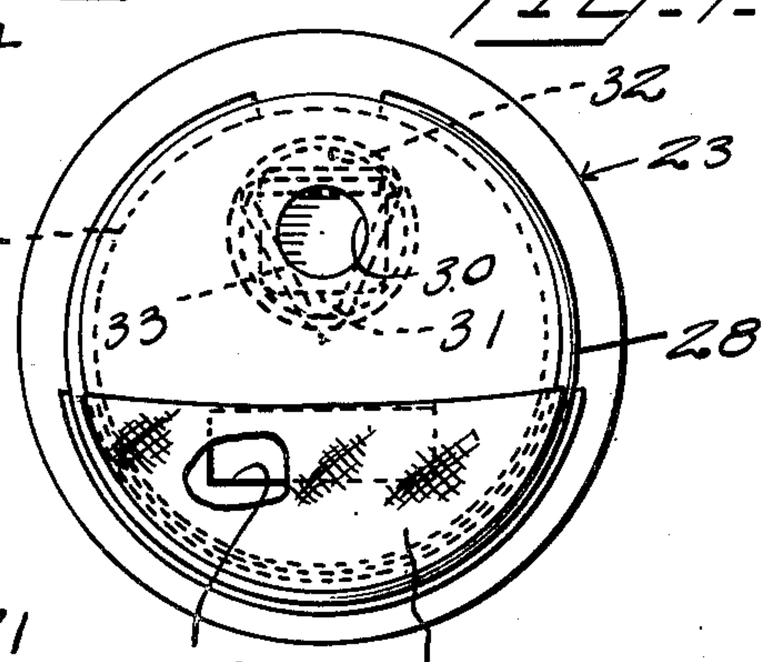
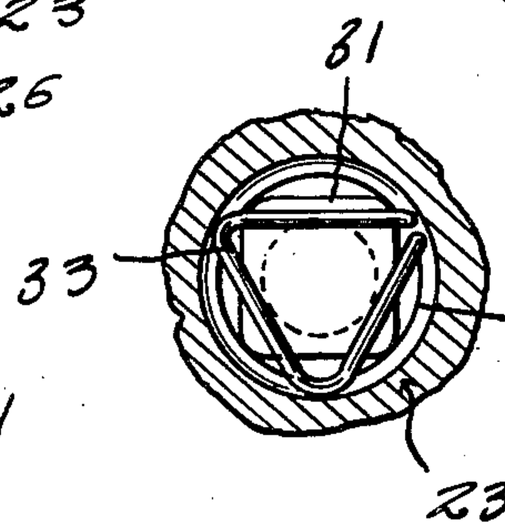


Fig. 5.



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TURKEY CALLER

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Application August 22, 1949, Serial No. 111,705

2 Claims. (Cl. 46—180)

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This invention relates to turkey callers.

An object of this invention is to provide a device which will imitate the call of turkeys. In the embodiment of the invention shown in the drawing, the device is formed out of a hollow body having a spring-pressed plunger therein, with a reed forwardly of the plunger, and a sound chamber projecting from the reed. It is contemplated that the device be made out of metal, although it may be made partly of metal and partly of other material, such as wood, plastic or the like.

Another object of this invention is to provide a caller of this kind which is formed of durable material which will not be affected by weather conditions and which includes a reed which can easily be replaced at small cost.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawing and specification, and then more particularly pointed out in the appended claims.

In the drawing,

Figure 1 is a detail side elevation of a turkey caller constructed according to an embodiment of this invention,

Figure 2 is a sectional view taken on the line 2—2 of Figure 1,

Figure 3 is a fragmentary longitudinal section showing the reed and carrier,

Figure 4 is a detail front elevation of the reed carrier,

Figure 5 is a fragmentary sectional view taken on the line 5—5 of Figure 3.

Referring to the drawing, the numeral 10 designates generally a tubular body which is formed of an inner cylindrical member 11 having a cap 12 threaded thereonto. The cap 12 is formed with openings 13 laterally of the center thereof, and a piston or plunger 14 is slidable in the cylinder 11.

A piston rod or stem 15 extends from the piston or plunger 14 and is slidable through an opening 16 formed in the cap 12. A ring-shaped handle 17 is secured to the outer end of the stem or rod 15 and provides a means whereby the piston or plunger 14 may be manually reciprocated. A spring 18 is disposed in the cylinder 11 engaging at its forward end against the piston or plunger 14 and engaging at its rear end against the cap or head 12.

A cylindrical or tubular member 19 which forms a sound chamber 20 is threaded onto the cylinder 11 and extends forwardly from the cylinder 11, and the cylindrical member 19 has formed on the outer end thereof an inwardly projecting

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annular flange 21 defining an opening 22. A reed carrier generally designated as 23 is interposed between the cylinder 11 and the sound chamber 20 and includes a disc-shaped plate 24 provided with a marginal flange 25 adapted to be secured between the inner end of the tubular member 19 and the cylinder 11.

The disc 24 is provided in one side of the center thereof with an elongated opening 26 which is normally covered by a resilient reed member 27. The reed member 27 is preferably constructed of thin rubber or the like and is secured to the disc member 24 by means of a split locking ring 28 which engages in an annular groove 29 formed in the outer edge of the disc 24. The disc member 24 is also provided with a second valved opening 30 which is adapted to be closed upon forward movement of the plunger 14, by means of a valve plate 31. The valve plate 31 is loosely mounted in an enlarged counterbore 32 formed axially of the opening 30 and a split triangular locking member 33 holds the valve member 31 loosely in the counterbore 32. The cylinder 11 is provided between the ends thereof with openings 34 out of which air is adapted to escape during the initial forward movement of plunger 14.

In the use and operation of this device, the housing 10 is preferably formed out of metal and is formed of disconnectable parts 11 and 19, together with head 12. When plunger 14 is moved rearwardly, valve member 31 will be drawn to a released or open position permitting air to enter the cylinder 11 on the forward side of plunger 14. When plunger 14 is released or forcibly pushed forwardly, the air in cylinder 11 between plunger 14 and disc 24 will be forced out through opening 26 so as to thereby vibrate reed 27. The length and diameter of the sound chamber 20 is such as to provide for producing a sound simulating a turkey.

I do not mean to confine myself to the exact details of construction herein disclosed, but claim all variations falling within the purview of the appended claims.

What I claim is:

1. A turkey caller comprising a pair of threadably connected cylindrical members, a flanged reed carrier secured between the joined ends of said members, a cap on one of said members, a plunger slidable in said one member, a stem fixed to said plunger and slidable through said cap, a spring constantly urging said plunger inwardly toward said carrier, said one member having at least one opening positioned between the ends thereof whereby a portion of the air in said one

member will be forced out of the latter by said plunger during a portion of the forward movement of said plunger, said carrier having a pair of openings therethrough, an inwardly opening check valve in one of said pair of openings, a resilient reed covering the other of said openings on the forward side of said carrier, and a forward end wall carried by the other of said members and formed with a relatively large central opening, initial forward movement of said plunger forcing a portion of the air in said one member through said first named opening and also additional air past said reed to thereby initially vibrate said reed relatively slowly, movement of said plunger forwardly past said first named opening effecting rapid vibration of said reed.

2. A turkey caller comprising a cylindrical member, a cap on one end of said member, a reed

disposed in said member between the ends thereof, means supporting said reed in said member, a plunger slidable in said member between said reed and cap, and a manually operable rod fixed to said plunger, said member having an opening between said reed and said cap whereby to effect differential vibration of said reed upon forward movement of said plunger.

GEORGE D. MEGGINSON.

REFERENCES CITED

The following references are of record in the file of this patent:

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