

Aug. 12, 1952

R. C. BOATWRIGHT

2,606,401

TURKEY CALL

Filed Aug. 18, 1949

2 SHEETS—SHEET 1

Fig. 1

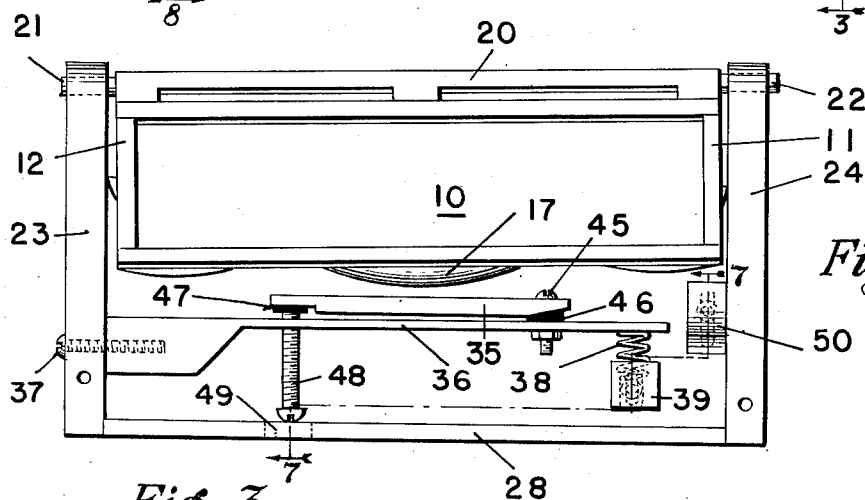
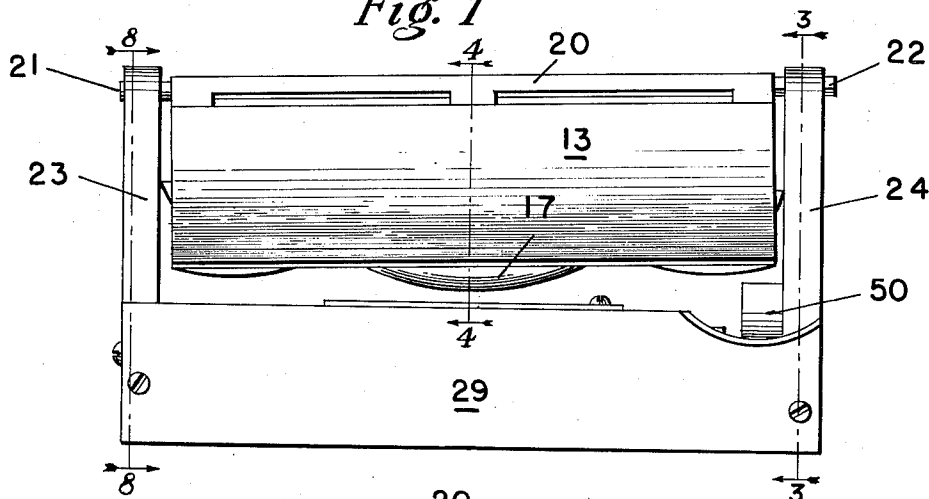


Fig. 2

Fig. 3

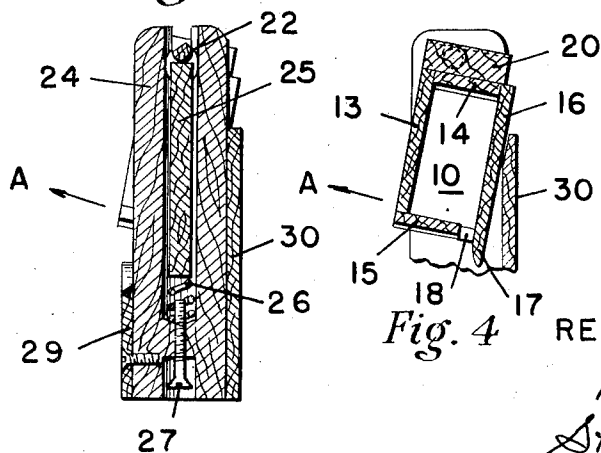


Fig. 4

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Fig. 5

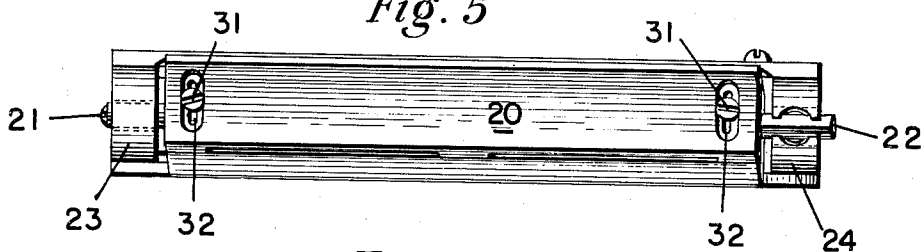


Fig. 6

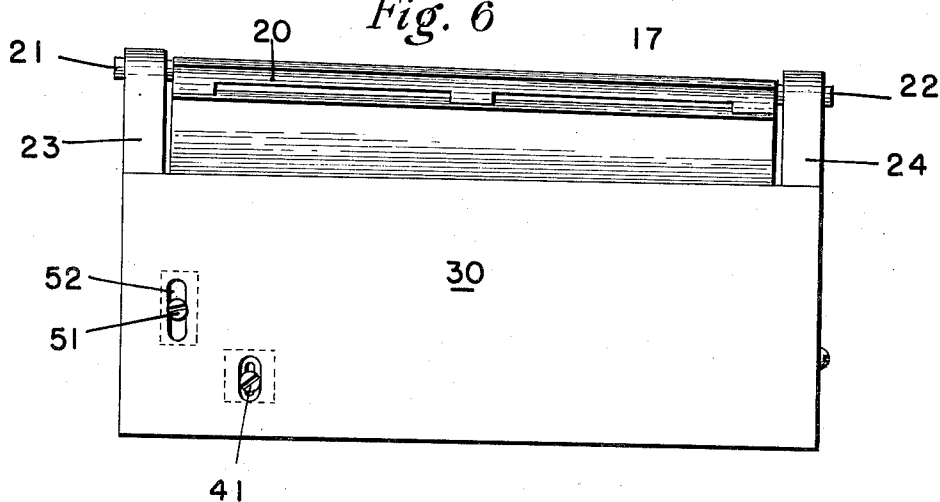


Fig. 7

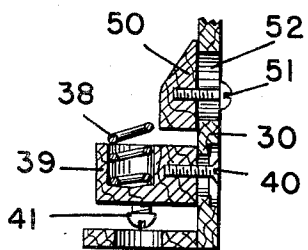
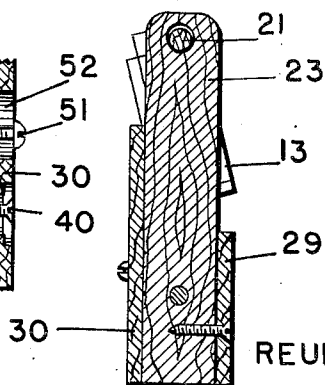


Fig. 8



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TURKEY CALL

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3 Claims. (Cl. 46-189)

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This invention relates to improvements in sounding devices and has relation more particularly to a device of this general character adapted to simulate the call of a wild turkey, and it is an object of the invention to provide a device of this general character having novel and improved means whereby the same may be tuned to create a tone for the different species of wild turkeys.

Another object of the invention is to provide a novel and improved device of this general character including a box having a sound-board, together with a member positioned for contact with said sound-board to produce the requisite sound.

Still another object of the invention is to provide a novel and improved supporting housing for the tone creating means, including in said housing adjustable means for tuning said tone creating means to create differing tones for the different species of wild turkeys.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved sounding device whereby certain advantages are attained and the device rendered simpler, less expensive and more convenient and advantageous for use, as will be hereinafter more fully set forth.

In order that the invention may be better understood, it will be described with reference to the accompanying drawings, wherein:

Figure 1 is a vertical elevational view of the device;

Figure 2 is a vertical elevational view of Figure 1 with the front cover removed;

Figure 3 is a vertical sectional view taken on line 3-3 of Figure 1;

Figure 4 is a vertical sectional view taken on line 4-4 of Figure 1;

Figure 5 is a view in top plan of the device;

Figure 6 is a vertical elevational view of the rear of Figure 1;

Figure 7 is a vertical sectional view taken on line 7-7 of Figure 2; and

Figure 8 is a vertical sectional view taken on line 8-8 of Figure 1.

Reference now being had to the details of the drawings by numerals, 10 denotes a sound-box of the proportions shown and provided with the end walls or panels 11 and 12, all parts being made preferably of wood. The sound box is composed additionally, as shown in Figure 4, of the wooden wall members 13, 14 and 15 and the sounding-board 16 provided with the downwardly depending tongue 17. The member 15 does not touch the sounding-board 16, but is spaced therefrom

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by a slot 18, as shown clearly in Figure 4. The sound-box is secured to a wooden member 20 which in turn is provided with shafts 21 and 22. The shaft 21 is supported loosely in upright post 23, as shown in Figure 8, and shaft 22 is supported loosely in upright post 24, as shown in Figure 3. The post 24 is slotted in the manner shown and the slot contains a plunger 25 resting upon a spring 26 and the plunger is adapted to abut against an adjustable stop screw 27. As shown in Figures 2 and 7, the posts 23 and 24 are attached to a bottom member 28 and are further supported by the front cover member 29 and the back cover member 30. The sound-box is adjustably secured to the member 20 by means of screws 31 passing through slots 32 provided in the member 20. The shafts 21 and 22 may, if so desired, be embodied into one integral shaft passing through the member 20, but this is merely a matter of design.

The shaft 22 rests upon the plunger 25 and is adapted to follow downwardly with said plunger, in a manner hereinafter to be described.

As seen in Figure 2, there is disposed beneath the tongue member 17, a slate member 35, which serves as part of a vibrator member 36, secured to the post 23 by the screw 37 and resting at its free end upon a spring 38 supported by member 39 adjustably secured to the back cover member 30 by the screw 40. The spring is adjustable by the screw 41.

The slate member 35 is attached to member 36 by means of the bolt 45 and is cushioned by the rubber member 46. The free end of the slate member 35 is provided with a rubber cushion member 47, which in turn contacts an adjusting screw 48, adjustable from the outside of the device by entering the opening 49, provided in bottom member 28.

The sound-box is adapted to contact, if necessary, an adjustable stop 50, secured to the back member 30 by screw 51 adjustable in slot 52.

Thus, from the description of parts it will be seen that the sound-box, sounding board and vibratory slate are supported, together with their adjustable features in a cradle, which cradle is made up of members 23, 24, 28, 29 and 30.

In operation, the operator holds the device, in one of his hands, say the left hand, by grasping the device by the front and back members 29 and 30. Then with the right hand the sound-box is given a downward movement, which is permitted since the shaft 22 is adapted to move downwardly with the plunger 25. This downward movement continues until the sounding-board tongue 17 contacts the slate member 35.

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By imparting then a swinging movement to the sound-box in the direction indicated by the arrow A of Figures 3 and 4, and permitting the tongue 17 to contact and rub across the surface of the slate member 35, the note of the wild turkey may be imitated to perfection. By varying the position at which the tongue 17 contacts the slate member or changing the downward pressure on the sound-box when pushing it downwardly, the note may be varied from a deep tone to a sharp one. Also to accomplish other adjustments to create differing tones for the different species of wild turkeys, and to delicately adjust the entire device, the vibratory member can be adjusted by moving the spring 38 up or down by adjusting the screw 41. The free end of the slate member 35 can be adjusted by manipulating the screw 48. The sound-box may be limited in its downward movement by adjusting the stop 50. The downward movement of the plunger 25 may be changed from time to time by manipulating the stop screw 27.

This improved sounding device or turkey-call is especially adapted for use by hunters.

From the foregoing, it will be noted there has been devised a simple and efficient improved sounding device, and one which has been found by experience to be desirable and practical.

I claim:

1. A turkey-call comprising a sound-box made of wood or other suitable material in the form of a hollow receptacle and provided with shafts loosely supported in a supporting cradle for movement therein, a sounding-board fitted over said hollow receptacle and secured throughout most of its marginal edge portion thereto, said sounding-board on one of its longitudinal edges having a downwardly depending tongue portion and projecting over a longitudinal edge of said hollow receptacle and spaced therefrom to form a slot co-extensive therewith, and between the under face of said sounding-board and said longitudinal edge of said hollow receptacle, a piece of slate supported in said cradle adjacent to and beneath said tongue portion and adapted to be held against said tongue portion, said sounding-board being adapted for moving frictional contact with said plate in the region of said depending tongue, thereby causing a vibration of said sounding board in imitation of the note of the wild turkey.

2. A turkey-call comprising a sound-box made of wood or other suitable material in the form of a hollow receptacle and provided with shafts and adjustably supported in a supporting cradle for oscillatory and depressible movement therein, a sounding-board fitted over said hollow receptacle

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cle and secured throughout most of its marginal edge portion thereto, said sounding-board on one of its longitudinal edges having a downwardly depending tongue portion and projecting over a longitudinal edge of said hollow receptacle and spaced therefrom to form a slot coextensive therewith, and between the under face of said sounding-board and said longitudinal edge of said hollow receptacle, a piece of slate supported in said cradle adjacent to and beneath said tongue portion and adapted to be held against said tongue portion, said sounding-board being adapted for moving, frictional contact with said slate in the region of said depending tongue when depressed and oscillated, thereby causing a vibration of said sounding-board in imitation of the note of the wild turkey.

3. A turkey-call comprising a sound-box made of wood or other suitable material in the form of a hollow receptacle and adjustably supported for oscillatory and depressible movement in a supporting cradle which includes two spaced vertical supports, said sound-box being disposed between said supports and having shafts, one of which is loosely supported in one of said supports and the other of which is loosely and adjustably supported in the other of said supports, a sounding-board fitted over said hollow receptacle and secured throughout most of its marginal edge portion thereto, said sounding-board on one of its longitudinal edges having a downwardly depending tongue portion and projecting over a longitudinal edge of said hollow receptacle and spaced therefrom to form a slot co-extensive therewith, and between the under face of said sounding-board and said longitudinal edge of said hollow receptacle, a piece of slate supported in said cradle adjacent to and beneath said tongue portion and adapted to be held against said tongue portion, said sounding-board being adapted for moving, frictional contact with said slate in the region of said depending tongue when depressed and oscillated, thereby causing a vibration of said sounding-board in imitation of the note of the wild turkey.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
1,449,756	Jackson	Mar. 27, 1923
2,025,181	Simon	Dec. 24, 1935