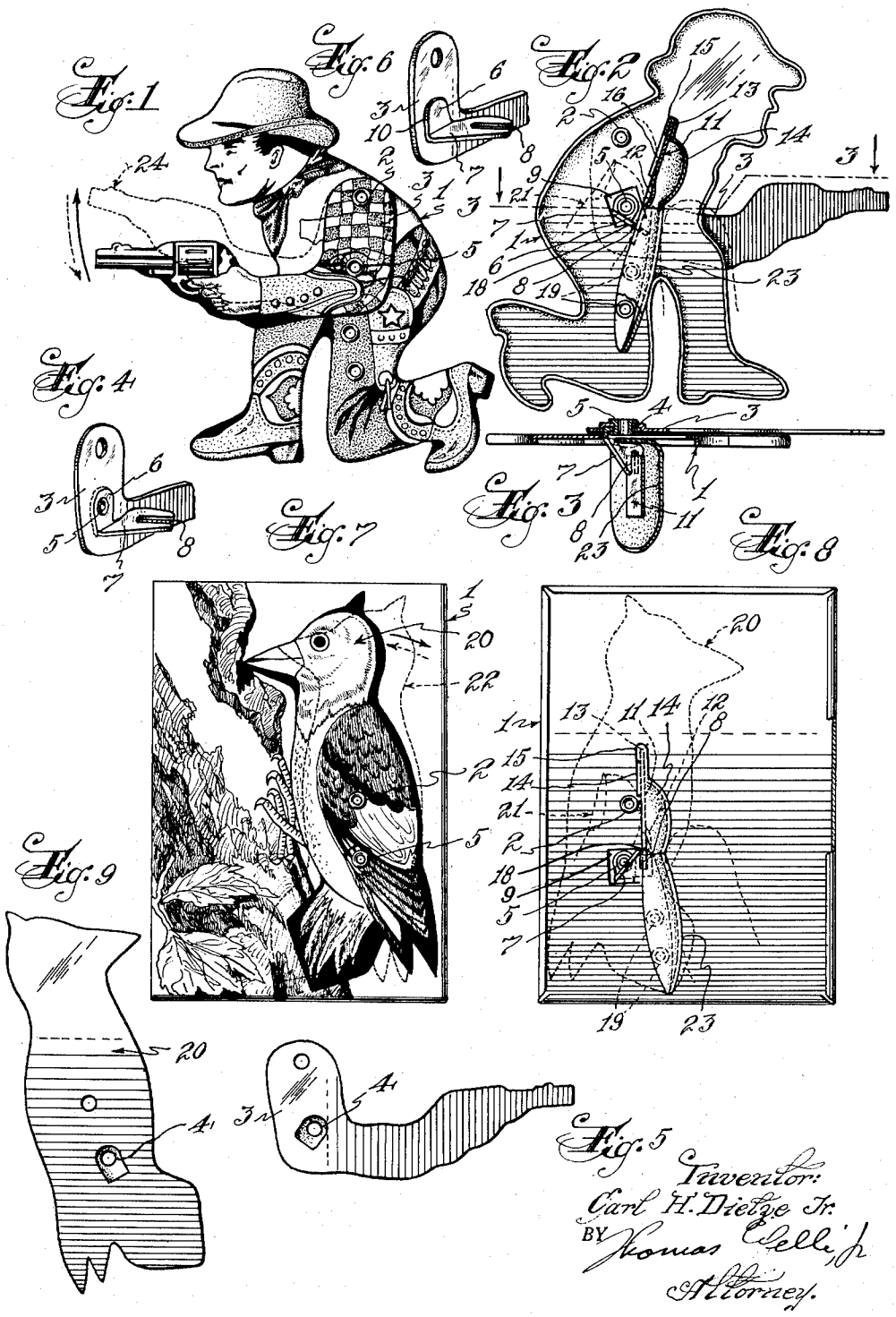
Jan. 1, 1952 C. H. DIETZE, JR 2,580,413

COMBINED NOISEMAKER AND ACTION TOY

Filed May 12, 1949



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Patented Jan. 1, 1952 2,580,413

UNITED STATES PATENT OFFICE

2,580,413

COMBINED NOISEMAKER AND ACTION TOY

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Application May 12, 1949, Serial No. 92,830

5 Claims. (Cl. 46—118)

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This invention relates to a combined noisemaker and action toy and more especially deals with an action toy which is actuated by the reed member of noisemakers of the cricket type.

An object of this invention is to provide a toy which is capable of simulating the noise and action of various known phenomena, such as for example a cowboy firing a pistol, a woodpecker pecking on a tree trunk, etc. A further object is to provide such a toy which will be simple and inexpensive to manufacture, sturdy and durable in construction, reliable in operation and attractive in appearance.

I attain the foregoing and other objects by my present invention wherein a noisemaker of the so-called cricket type is operatively associated with an action toy having suitable shape and configurations. More especially, the association of the noisemaker and toy is effectuated by means of a connecting member having base and slotted parts, the slot of which receives the reed, e. g., the spring steel strip of the noisemaker, said slotted connecting member being rigidly attached to a movable member of the action toy, which movable member may be a part of the toy as the simulated arm and hand of a cowboy or the entire simulated object, as in the case of a woodpecker.

With the foregoing in mind my present invention consists of certain novel features of construction and combinations and arrangements of parts which will be more fully hereinafter described and which will become apparent from the following detailed description taken in connection with the accompanying drawings in which like characters represent like parts throughout and which form a part hereof.

In the drawings:

Fig. 1 is a side elevation of one preferred embodiment of my invention, the figure showing a toy which simulates a cowboy carrying a pistol in a crouching position;

Fig. 2 is similar to Fig. 1 except that the view is from the side opposite to that from which Fig. 1 is taken;

Fig. 3 is a section along the line 3—3 of Fig. 2;

Fig. 4 is a fragmentary enlarged detailed view showing the base of the slotted connecting member attached to the movable arm member of Figs. 1 and 2;

Fig. 5 is a fragmentary enlarged rear view of the movable arm member of Figs. 1 and 2 and shows the recess for receiving the base of the slotted connecting member;

Fig. 6 is similar to Fig. 4 but shows a modified arrangement for attaching the slotted member to the movable arm member of Figs. 1 and 2;

Fig. 7 is a side elevation of another preferred embodiment of my invention and simulates a woodpecker;

Fig. 8 is similar to Fig. 7, showing a view of the woodpecker shown in Fig. 7 from the side opposite to that from which Fig. 7 is taken;

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Fig. 9 is similar to Fig. 5 and shows the recess in the simulated woodpecker of Figs. 7 and 8.

Referring to the drawings, the base sheet or stationary part 1 is suitably made from metal, plastic or the like, and has suitable ornamentations lithographed or otherwise placed thereon to simulate a cowboy in a crouching position. The base member is pivotally attached by grommet 2 to the movable arm member 3 which simulates the arm and hands of a cowboy carrying a pistol. The arm member 3 is provided with a recess 4, which may be suitably stamped near the simulated elbow. By means of grommet 5 the base 6 of connecting member 7 having a slot 8 (see Fig. 4) is fitted into the recess in the rear of the figure. The base sheet 1 has an opening 9 to permit the entry and movement therethrough connecting member 7. If desired, the connecting member 7 may be rigidly attached as at 10 (Fig. 6) to the movable arm member 3 by soldering or spot welding or the like in which event, if desired, the arm member need not carry a recess 4 as in Fig. 5.

The slot 8 of the connecting member 7 engages with a spring steel strip 11 provided by a noisemaker of the so-called cricket type. This spring steel strip 11 carries a depression 12, as is customary in noisemakers of this type, the depression 12 acting as an aid to the noisemaking, as is understood in the art, and the strip 11 acting as a reed.

One end 13 of the spring steel strip 11 is rigidly held against a metal member 14 of suitable shape, for example, that simulating an insect, suitably by means of flanges 15 formed by bending under the edges 16 of the sheet member 14. The steel strip 11 is in operating contact as at 18 with the connecting member 7 by placement of the strip 11 in the slot 8 of the connecting part 7. The sheet 14 is flattened on one side 23 so as to permit contact with base sheet 1 and is rigidly attached to the rear side of the stationary sheet 1 by suitable means, for example, by grommets 19.

As will be appreciated by those skilled in the art my present invention is not restricted to any particular simulated article but is generally applicable and may be employed wherever the simultaneous simulation of noise and movement is desired in toys and the like.

For example, another specific embodiment of my invention is that of a simulated woodpecker 20 (see Figs. 7 and 8). Thus, for example, a stationary or base plate suitably ornamented as by lithographing to show a tree, is provided with hole 9 through which the connecting member 7 such as that above described passes through. The base 6 of the connecting member 7 is secured as above in a recess 4 of the simulated woodpecker 20 as by grommet 5. The simulated woodpecker 20 is pivotally connected to the base member 1 as for example by grommet 2. The noise-

maker part of my device as shown in Figs. 7 and 8 is the same as that shown in Figs. 1 and 2.

In operating the devices of my invention all that need be done is to press the spring steel strip 11 as is normally done in actuating noisemakers of the cricket type. The downward pressure of the finger 21 on the spring steel strip 11 causes an audible sound to be given off by the noisemaker. At the same time the connecting member 7 is moved by the spring strip 11 by reason of its engagement with the slot 8 of the member 7. In Fig. 1 the movable simulated arm 3 of the cowboy, being pivoted at 2, is forced in a general upward direction by the connecting member 7 during the downward motion of the spring steel strip 11. The dotted lines 24 in Fig. 1 show the position of the movable arm member 3 when the steel strip 11 is pressed down as far as it will go. Upon release of pressure on the spring steel strip 11 the latter returns to its normal position, the connecting member 7 being carried along with the spring steel member 11, thereby resulting in the movable arm member 3 also returning to its normal position. By quickly repeating the cycle a staccato noisemaking with simultaneous movement of the arm simulating the shooting of a pistol are obtained.

In the case of the simulated woodpecker shown in Figs. 7 and 8 a synchronized noisemaker and pecking of the woodpecker is obtained in a similar manner, in this case the dotted lines 22 in Fig. 7 showing the position of the woodpecker when the spring steel member 11 is pressed down as far as it will go.

From the foregoing description it will be apparent that the principle of my invention is employable to simulate a variety of toys, wherein synchronized movement of at least a part of the toy together with a noise is desired. Furthermore, while my invention has been described in detail as to construction and arrangements of parts, it is understood that some modifications may be made herein without departing from the spirit of my invention. While I prefer to employ metal such as steel for the various parts of my device other suitable materials such as plastics, sheet metal other than steel, fibre, pressed boards or other materials having strength suitable for the purposes of this invention may be employed, if desired, for all of the parts except the reed. The reed or spring may suitably be made from spring steel, aluminum, bi-metals, and other metals which yield similar sounds and results. Also, if desired, instead of the attachment of the connecting member to the movable part being by means of grommets or spot welding, as hereinbefore stated, it may be by means of prongs and slots, glue, or other suitable means, in order to effect a rigid attachment. In view of the foregoing no limitations are intended other than those imposed by the scope of the appended claims construed as broadly as permissible in view of the prior art.

I claim:

1. A toy of the character described, comprising, in combination, an action toy, a noisemaker comprising a reed and a substantially curved portion, said action toy and said noisemaker being operatively joined to each other, and connecting means having base and slotted portions, the base portion of said connecting means being attached to said action toy and the slotted part of said connecting means engaging the reed of the noisemaker.

2. A toy of the character described, comprising, in combination, an action toy comprising movable and stationary parts, a noisemaker comprising a reed and a substantially curved portion having a flat side, the stationary part of said action toy and the flat side of said noisemaker being rigidly joined, and connecting means having base and slotted portions, the base portion of said connecting means being rigidly attached to the movable part of said action toy and the slotted part of said connecting means engaging the reed of said noisemaker.

3. A toy of the character described, comprising, in combination, an action toy comprising movable and stationary parts, said movable part being in front of said stationary part and pivotally connected therewith, an opening in said stationary part, a noisemaker comprising a reed and a substantially curved portion having a flat side, the stationary part of said action toy and the flat side of said noisemaker being rigidly joined, and connecting means having base and slotted portions passing through said opening in said stationary part of said toy, the base portion of said connecting means being rigidly attached to the movable part of said action toy and the slotted part of said connecting means engaging the reed of said noisemaker.

4. A toy of the character described, comprising, in combination, an action toy comprising movable and stationary parts, said movable part having a recess in the rear thereof and being in front of said stationary part and pivotally connected therewith, an opening in said stationary part, a noisemaker comprising a reed and a substantially curved portion having a flat side, the stationary part of said action toy and the flat side of said noisemaker being rigidly joined, and connecting means having base and slotted portions passing through said opening in said stationary part of said toy, the base portion of said connecting means being rigidly attached to said recess of the movable part of said action toy and the slotted part of said connecting means engaging the reed of said noisemaker.

5. A toy of the character described, comprising, in combination, an action toy comprising movable and stationary parts, said movable part having a recess in the rear thereof and being in front of said stationary part and pivotally connected therewith, an opening in said stationary part, a noisemaker comprising a reed and a substantially curved portion having a flat side, the stationary part of said action toy and the flat side of said noisemaker being rigidly joined by means of grommets, and connecting means having base and slotted portions passing through said opening in said stationary part of said toy, the base portion of said connecting means being rigidly attached to said recess of the movable part of said action toy, said attachment being by means of grommets, and the slotted part of said connecting means engaging the reed of said noisemaker.

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