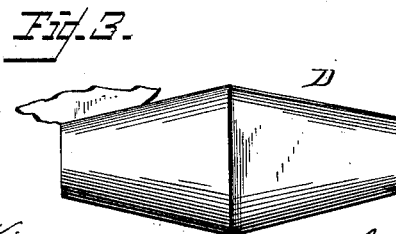
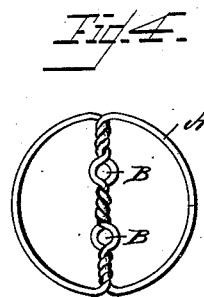
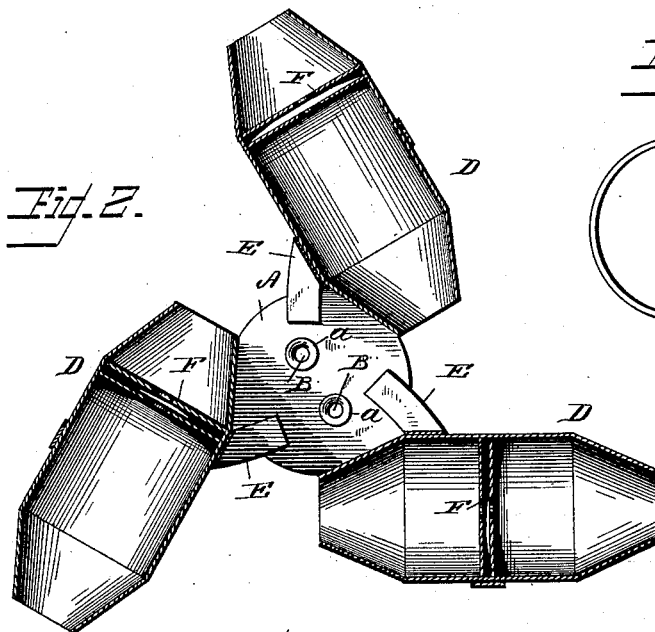
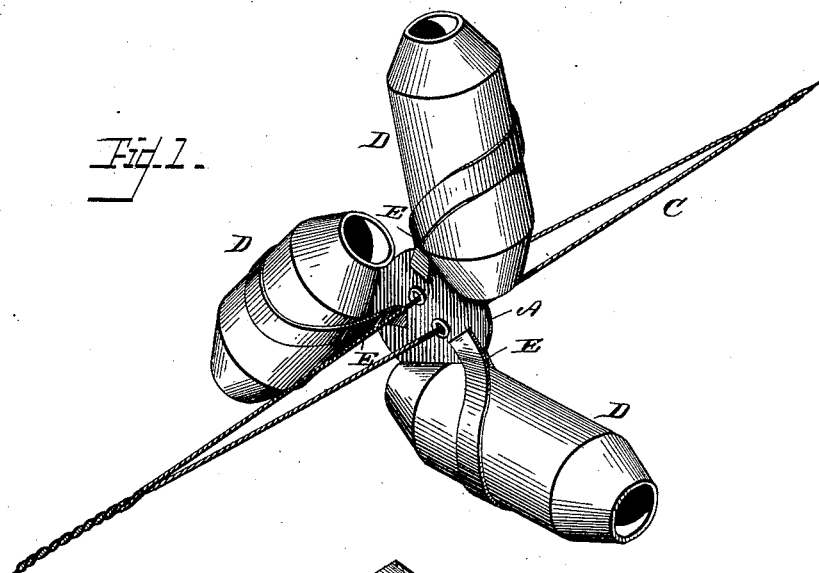


(No Model.)

F. R. HUNT.
WHISTLING BUZZ.

No. 304,648.

Patented Sept. 2, 1884.



WITNESSES
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UNITED STATES PATENT OFFICE.

FREDERIC R. HUNT, OF LEAVENWORTH, KANSAS.

WHISTLING-BUZZ.

SPECIFICATION forming part of Letters Patent No. 304,648, dated September 2, 1884.

Application filed August 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, FREDERIC R. HUNT, a citizen of the United States, residing at Leavenworth, in the county of Leavenworth and State of Kansas, have invented certain new and useful Improvements in Whistling-Buzzes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to what is commonly known as a "buzz," and has for its object the formation of a buzz provided with any desired number of cylinders or tubes, one or more of said tubes containing a whistle, so that when the buzz is twirled around or revolved, as usual, there will be produced, in addition to the ordinary buzzing sound, a whistling sound, which may be shrill or soft and of the same or different tones, as may be determined by the character of the whistle located within the tube; and to such ends the invention consists in the construction and the combination of parts hereinafter particularly described, and specifically pointed out in the claims.

Figure 1 of the drawings is a perspective of the whistling-buzz; Fig. 2, a longitudinal section through the tubes; Fig. 3, a side view of a modified form of the tube. Fig. 4 is a side view of the frame made of wire.

In the drawings, the letter A designates a buzz of ordinary construction, having the holes B for the passage of the cord C, provided with eyelets *a* or otherwise similarly formed, so as to prevent the presentation of any sharp edges that would cut the cord or string.

To the periphery of the disk A there are secured any desired number of cells or tubes, D, formed of wood, metal, paper, paper-board, papier-maché, or other suitable material, and of any desired form. These cells are preferably made of a barrel form with tapering or conical ends, as shown in Figs. 1 and 2, or else of conical form from center to ends, as shown in Fig. 3, and are secured, preferably, at one end to the disk by soldering, gluing, cementing, or otherwise fastening the same thereto. To brace the cells or tubes and strengthen their connection to the disk, straps E may be passed partially but preferably com-

pletely around the body of the cell or tube, as illustrated, and secured at their ends by solder, rivets, or otherwise to the disk. The conical form of the tubes or cells permits them to stand out from the disk at a tangent, as illustrated, which position is considered to be the best for producing the desired sound or whistling and for facilitating the revolution of the buzz, and also compresses and confines the air to the necessary degree within the cells to produce the best results.

Within one or more of the tubes there is secured a whistle, F, which may be of any desired or preferred form of the many kinds well known, or may even be of the reed kind, such as is used in organs or other musical instruments. The whistle can be located within the outer end of all the tubes, as illustrated in one of the tubes, or at the inner end, as illustrated in another, or at the middle portion, as illustrated in another, or it may be located at one place in one and in a different place in another tube of the same buzz, all as illustrated in Fig. 2 of the drawings. Each whistle may be secured within its tube by solder, glue, or cement, or in any way best suited for the material of which the tube may be formed, and which will suggest itself to a skilled workman, and, if desired, there may be more than one whistle in each tube.

The exterior of the cells or tubes may be of any single or of variegated colors and in whatever figures or designs taste and art may dictate and suggest.

The buzz is worked in the same manner as an ordinary buzz, by twirling it around in one direction by the string till the desired tension is obtained, when by pulling or drawing in the direction of the length of the string the buzz will be caused to whirl around first in one direction to or from you, and then in the opposite direction, as the string is wound and unwound by the momentum imparted from the first winding.

It is obvious that instead of using a disk to connect the whistling-tubes, they may be connected by any other flat plate having angular instead of a circular edge. The tubes may be connected together by a wire or equivalent pliable material instead of by a flat plate, the said wire being twisted or bent, for instance, as illustrated in Fig. 4, so as to form a frame

and eyelets for the winding-cord in one piece. Hence, wherever the term "plate" is used, the same will be understood as including the connecting-frame, whether of wire, a flat plate, or however made.

Having described my invention and set forth its merits, what I claim is—

1. A buzz composed of a series of elongated cells or tubes connected together and provided, one or more, with a whistle located within the same, substantially as described.

2. A buzz composed of a series of elongated connected cells or tubes having tapering ends, and provided, one or more, with a whistle located within the same, substantially as described.

3. A buzz composed of a series of cells or tubes connected together by an intermediate plate, and provided, one or more, with a whistle located within the same, substantially as described.

4. A buzz composed of a series of cells or tubes connected together by an intermediate plate and braced thereto by straps, substantially as described.

5. A buzz composed of a series of cells or tubes having tapering ends, and connected together by a plate, brace-straps connecting said cells or tubes with said plate, and a whistle within one or more of said cells or tubes, substantially as described.

6. The buzz-frame made from a pliable material bent to form the frame and the eyelets for a winding-cord, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERIC R. HUNT.

Witnesses:

H. F. MISSELWITZ,
F. E. HUNT, Jr.