

PATENT SPECIFICATION



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Complete Accepted: April 3, 1924.

COMPLETE SPECIFICATION.

Improvements relating to Whistles.

We, JAMES CLIFFORD HUDSON, of 256, Barr Street, Birmingham, British subject, and JOSEPH HUDSON, British subject, also of 256, Barr Street, Birmingham, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

10 This invention relates to whistles of that type comprising a cylindrical barrel arranged transversely to a tangential mouthpiece, the back of the whistle being provided with a knob or pommel 15 pierced with a hole or passage to receive a ring by which the whistle may be attached to a chain or the like.

Usually this knob or pommel has been provided with a shouldered shank passed 20 through a hole in the rear wall of the barrel and headed over upon the inside of the barrel.

The object of the present invention is to provide an improved form of knob or 25 pommel which is attached to the barrel without any part projecting into the interior of the latter.

According to the said invention, the knob or pommel consists of a hollow cap-like sheet-metal stamping or pressing 30 having at its open end concave edges which conform to the circumference of the barrel and are adapted to be secured thereto by soldering, brazing or other 35 suitable means. The sides of the hollow knob or pommel are pierced to receive the attachment ring, and the operation of soldering or the like is facilitated by forming the back of the barrel with a 40 groove of the shape of the contour of the open end of the knob or pommel so as to receive the concave edges and retain them in the correct position during the operation, whilst the outer end of the 45 knob or pommel may have a groove or depression to receive a wire or the like by which the parts of the whistle are

bound together during the soldering operation.

Figure 1 of the accompanying drawings represents a whistle with the rear part in vertical section and the front part in elevation, showing the improved ring pommel or knob. 50

Figure 2 is a plan with the rear part in horizontal section. 55

Figure 3 is a rear end view of the whistle.

Figure 4 shows, in vertical section and upon a larger scale, the ring pommel 60 before being attached to the barrel.

Figure 5 is an end view of the barrel before the ring pommel is attached, showing the positioning groove.

The whistle comprises the usual 65 cylindrical barrel *a* with tangential mouthpiece *b*, but the attachment ring *c* is carried by a pommel or knob *d* consisting of a hollow sheet-metal stamping or pressing of a cap-like form, closed at 70 its outer end but open at its inner end, where the edges *d*¹ are of a concave configuration conforming to the circumference of the barrel. The said open inner end of the pommel is enlarged at *d*² relatively to the rear portion, and the sides 75 are pierced at *e* to receive the ring *c*. At the position where the pommel is to be attached the barrel *a* is provided in its rear surface with a stamped or pressed 80 groove *f* of exactly the shape and size of the inner open end of the pommel, so as to receive the edges thereof. The outer end of the pommel *d* is provided with a vertical groove or depression *h*. 85

To secure the pommel to the barrel its inner edge *d*¹ is seated within the groove *f*, by which the pommel is properly positioned and prevented from becoming displaced, and the parts of the whistle are 90 held together by a wire which is passed longitudinally around the parts and engaged within the groove *h* in the end of the pommel. While thus held

together the various parts are soldered, brazed or otherwise secured together.

5 Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

10 1. A whistle of the type referred to, provided with a stamped or pressed sheet-metal ring pommel or knob having at its open inner end concave edges which are seated upon and secured to the rear circumferential surface of the barrel, substantially as described.

15 2. A whistle as claimed in Claim 1, in which the inner end of the ring pommel or knob is seated within a correspondingly-shaped groove formed in the back of the barrel, and is secured therein

by soldering, brazing or other suitable means, substantially as described. 20

3. A whistle as claimed in Claim 1, in which the outer end of the ring pommel is provided with a groove or depression to receive a wire by which the parts of the whistle are bound together during the operation of soldering or otherwise securing them together, substantially as described. 25

4. The improved ring pommel for a whistle of the type referred to, constructed and secured as herein described and set forth. 30

Dated this 18th day of July, 1923.

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24, Temple Row, Birmingham,
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[This Drawing is a reproduction of the Original on a reduced scale]

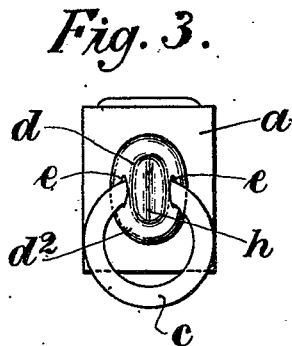
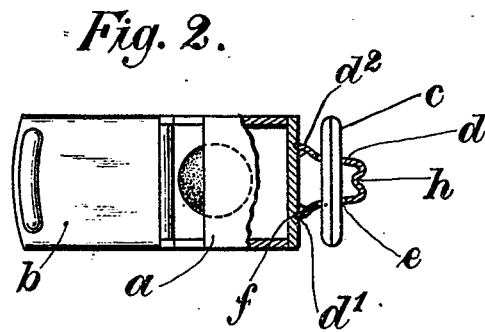
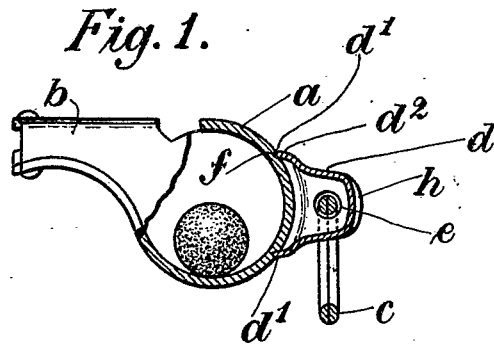


Fig. 5.

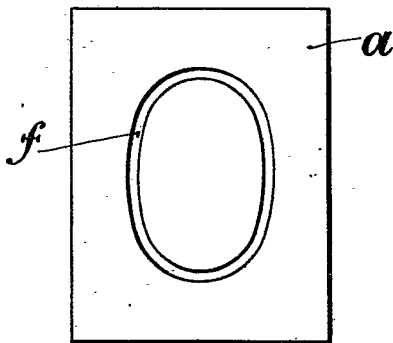


Fig. 4.

