

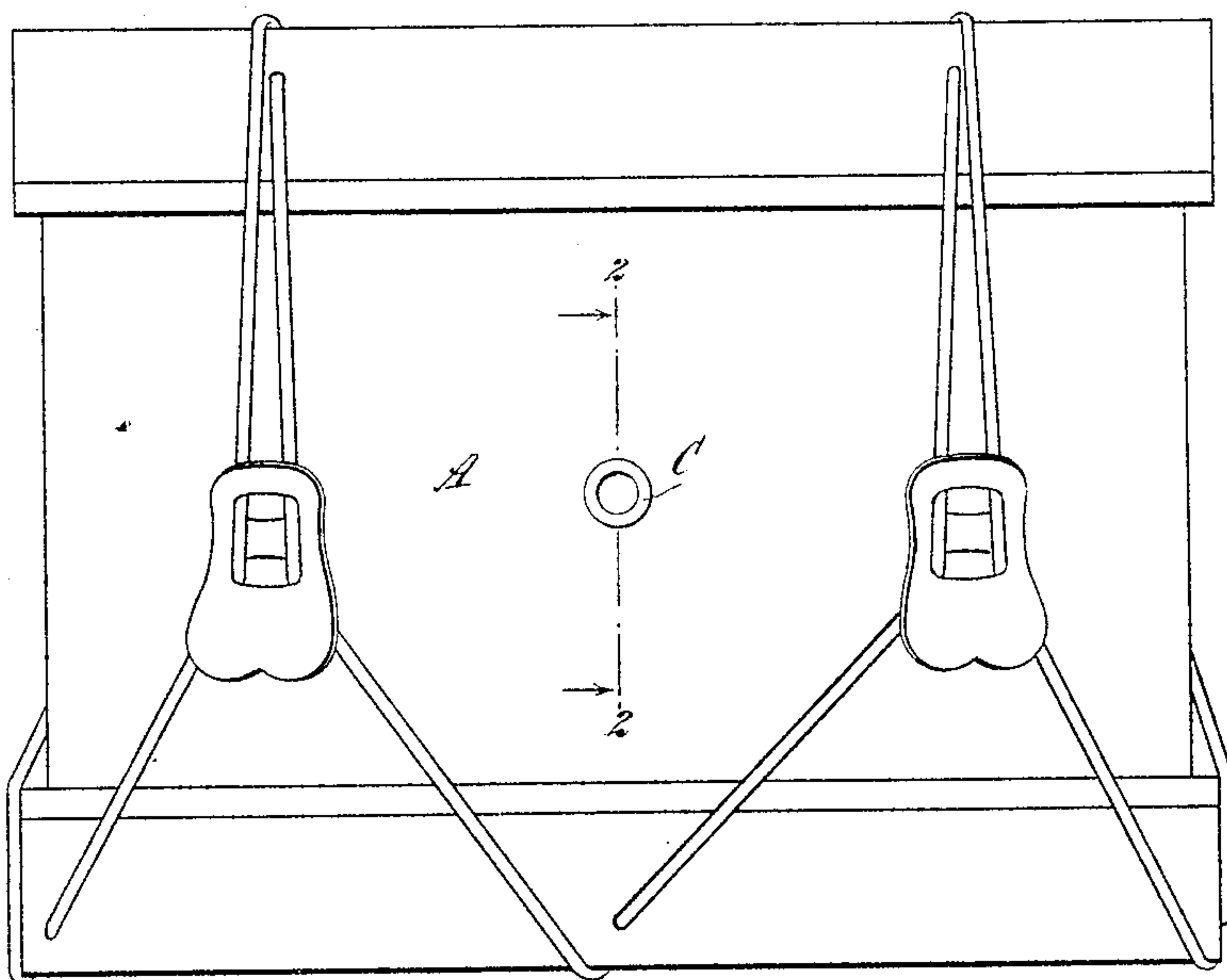
(No Model.)

O. R. NOBLE.  
WHISTLE DRUM.

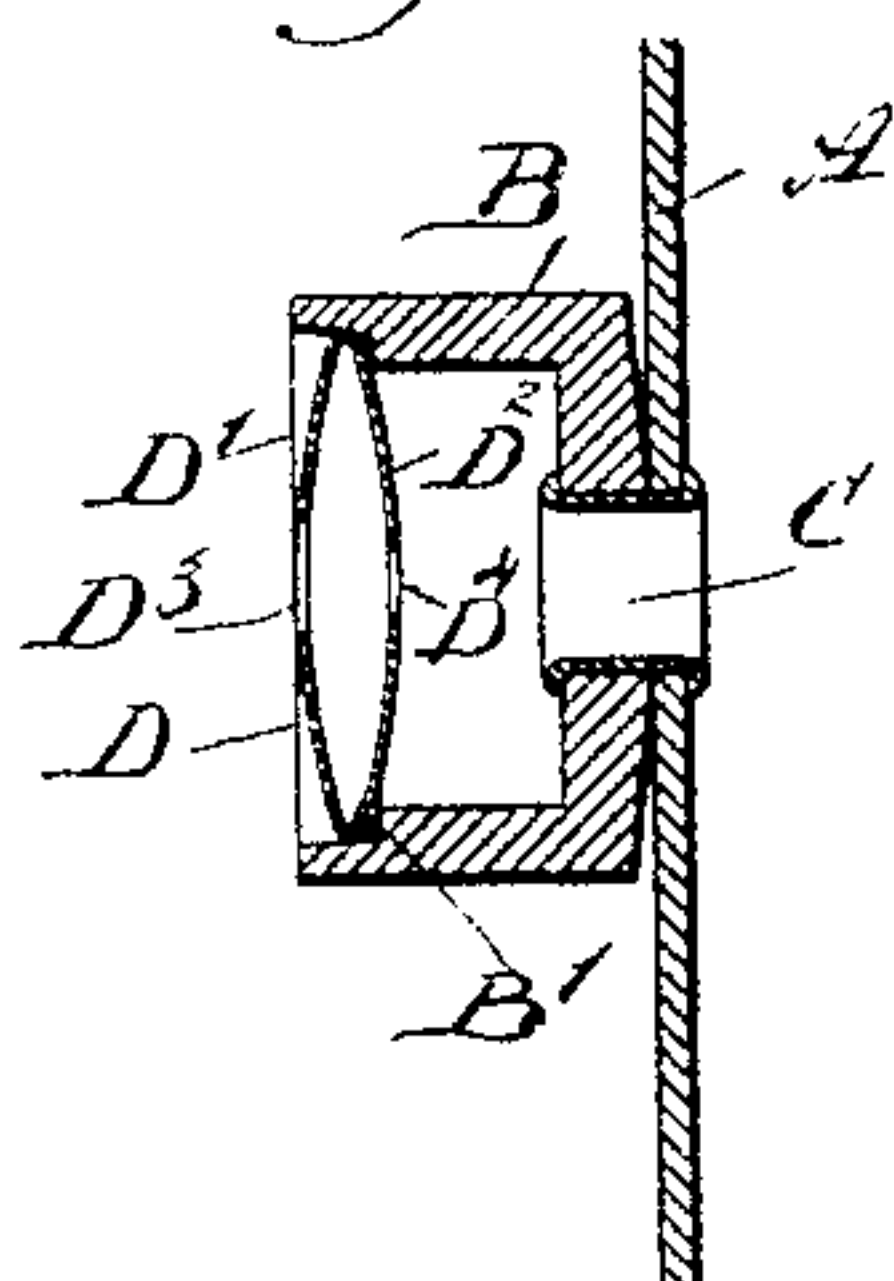
No. 585,003.

Patented June 22, 1897.

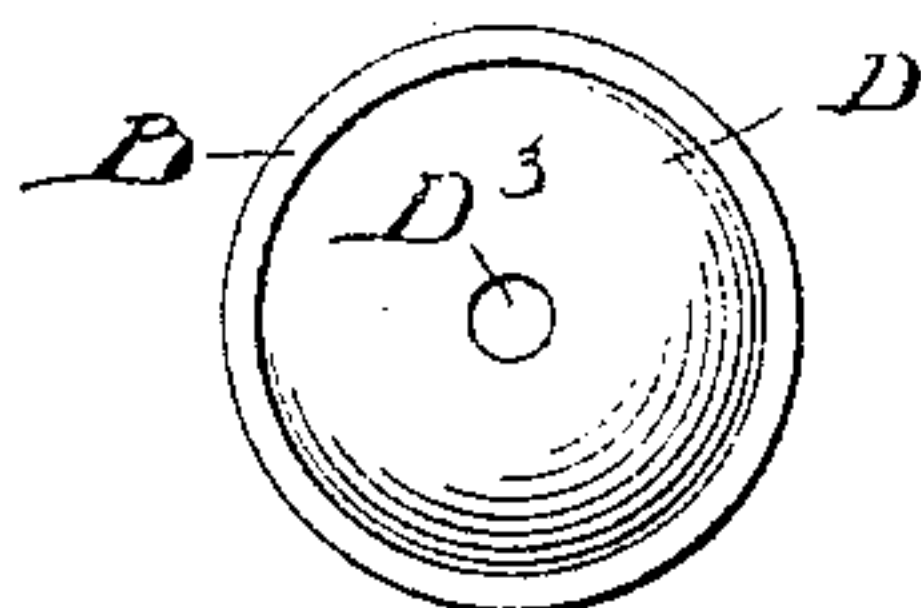
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*Edward Thorpe.*  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

ORVILLE R. NOBLE, OF GRANVILLE, MASSACHUSETTS.

## WHISTLE-DRUM.

SPECIFICATION forming part of Letters Patent No. 585,003, dated June 22, 1897.

Application filed April 16, 1897. Serial No. 632,476. (No model.)

*To all whom it may concern:*

Be it known that I, ORVILLE R. NOBLE, of Granville, in the county of Hampden and State of Massachusetts, have invented a new and Improved Whistle-Drum, of which the following is a full, clear, and exact description.

The invention relates to toy drums; and its object is to provide a new and improved drum having a whistle arranged in such a manner that in beating the drum with the drum-sticks or pounding or tapping it with the fists or fingers a whistling sound is produced.

The invention consists principally of a casing, a whistle set in the said casing, and an eyelet for the passage of the air and for fastening the casing to the band or shell of the drum.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improvement. Fig. 2 is an enlarged transverse section of the same on the line 2 2 of Fig. 1, and Fig. 3 is a rear face view of the whistle and casing.

The drum is provided on the inside of its band or shell A with a casing B, secured at its front end by an eyelet C to the said band or shell A in such a manner that the casing is supported on the shell and at the same time an air-passage is formed through the open eyelet. The inner end of the casing B is provided with an annular shoulder B', on which is seated a whistle D, preferably made of two dished metallic plates D' and D<sup>2</sup>, fastened together at their bases by crimping the outer edge of one plate over the other. The plates D' D<sup>2</sup> are formed at their middle with registering apertures D<sup>3</sup> and D<sup>4</sup>, respectively, in alinement with the aperture in the eyelet C. The whistle is forced into the inner end of the casing B until the bases of the plates are seated on the shoulder B', and in order to conveniently push the whistle in place I prefer to form the casing with a bevel ex-

tending from the shoulder to the upper edge of the casing.

Now it will be seen that by the arrangement described the whistle is securely held in place in the casing without any further fastening devices, and at the same time the casing with the whistle is supported within the shell of the drum and hence is not liable to be injured or damaged by the child. Now when the drumheads are beaten with the drum-sticks in the usual manner the vibrations of the heads will cause air to pass through the apertures of the plates D' D<sup>2</sup> and the eyelet C to produce a whistling sound. A similar result can be obtained by a child pounding with the fists or tapping with the fingers on the drumhead of the drum, thus affording considerable amusement, and, if desired, the whistle may be sounded by blowing or sucking air by applying the mouth to the outer end of the eyelet C.

The forward face of the casing B is preferably rounded off, as indicated in Fig. 2, so that the casing touches the inside of the shell A but lightly to prevent the shell from being stiffened in an undesirable manner.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination with a drum, of a casing, a whistle carried on the inner end of the said casing, and an apertured fastening device for attaching the forward end of the casing to the shell of the drum, substantially as shown and described.

2. The combination with a drum, of a casing formed at its inner open end with a shoulder, a whistle made of two dished parts having registering apertures and fastened together at their bases, the latter being seated on the said shoulder, and an eyelet for connecting the forward end of the casing to the inside of the shoulder of the drum, the said eyelet forming a passage for the air to and from the casing, substantially as shown and described.

ORVILLE R. NOBLE.

Witnesses:

E. N. HENRY,  
R. G. HERS.