

M. MILLER.

Improvement in Toy Whistles.

No. 115,628.

Patented June 6, 1871.

Fig. 1

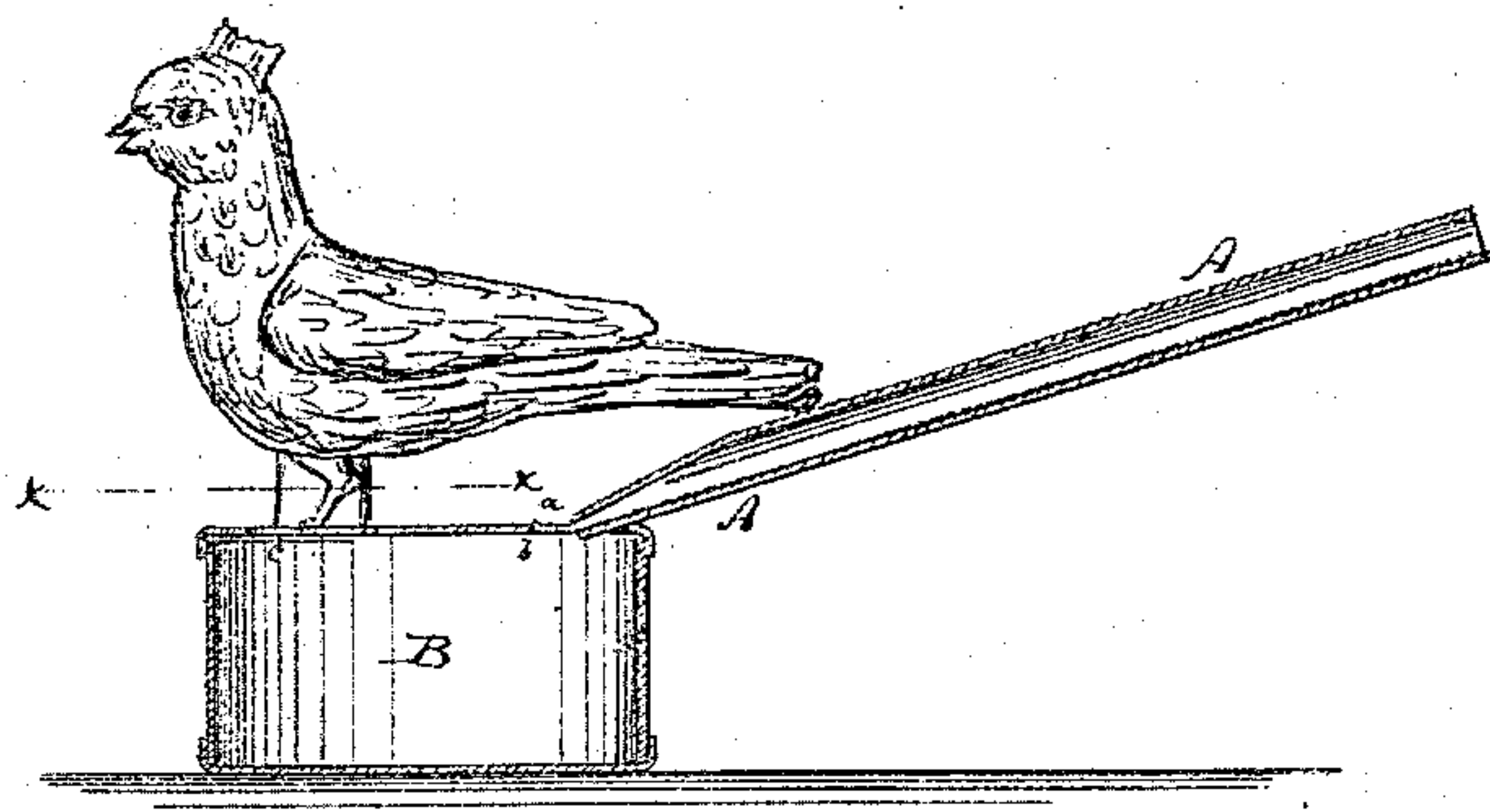
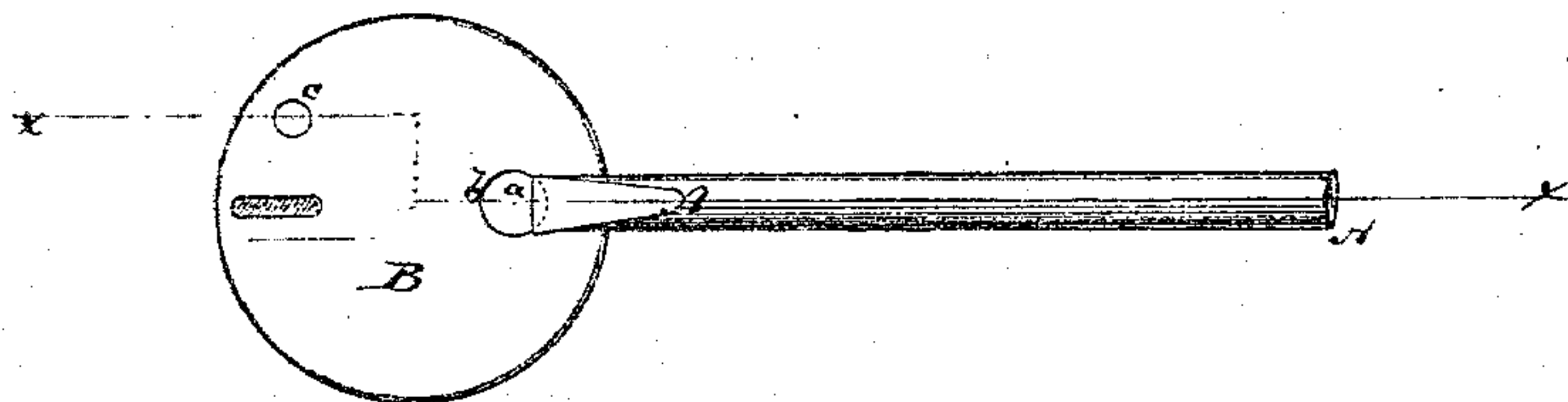


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

MAX MILLER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN TOY-WHISTLES.

Specification forming part of Letters Patent No. 115,628, dated June 6, 1871.

To all whom it may concern:

Be it known that I, MAX MILLER, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Toy-Whistle; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a longitudinal section of my improved toy-whistle, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a top view, partly in section, of the same, taken on the plane of the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to a new toy-whistle, which is to be used for imitating the two or more different sounds of certain birds—as, for example, those of the cuckoo. My invention consists in a new way of constructing a whistle by which the cuckoo call may be imitated, as hereinafter fully described and clearly pointed out in the claim.

A in the drawing represents a tube, made of metal or other suitable material, open at both ends, but somewhat contracted or flattened at the lower end. The upper end of the tube constitutes the mouth-piece of the whistle, while its lower part is, by solder or other means, fastened upon a box or case, B, of metal or other material, directly over an aperture, *a*,

in the same, so that the air blown through the tube will strike the edge *b* of said aperture *a*, and thereby be vibrated to produce a sound. The box B has one or more other apertures, *c*, in top or sides, whereby the nature of the sound is changed. By closing one or all such apertures *c*, and then again opening the same, two or more sounds can be produced.

I am aware that whistles having one or more apertures for producing different sounds have been in use; but such were whistles having plugs in the mouth-pieces and apertures above the lower ends.

The whistle herein referred to, which produces the sound only at the edge *b* opposite its lower end, could not work if it had any air-holes above said lower end, while the ordinary whistles could not work with open lower ends. The construction, therefore, of the whistle, having the apertures *c* for changing the sound in a vessel or case into which the air-tube enters, is quite new.

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

The tubular stem A, open at both ends, but flattened at the lower end, combined with case B having apertures *a c*, the whole adapted to be operated as and for the purpose specified.

MAX MILLER.

Witnesses:

A. V. BRIESEN,
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