

Aug. 20, 1935.

A. LAWRENCE

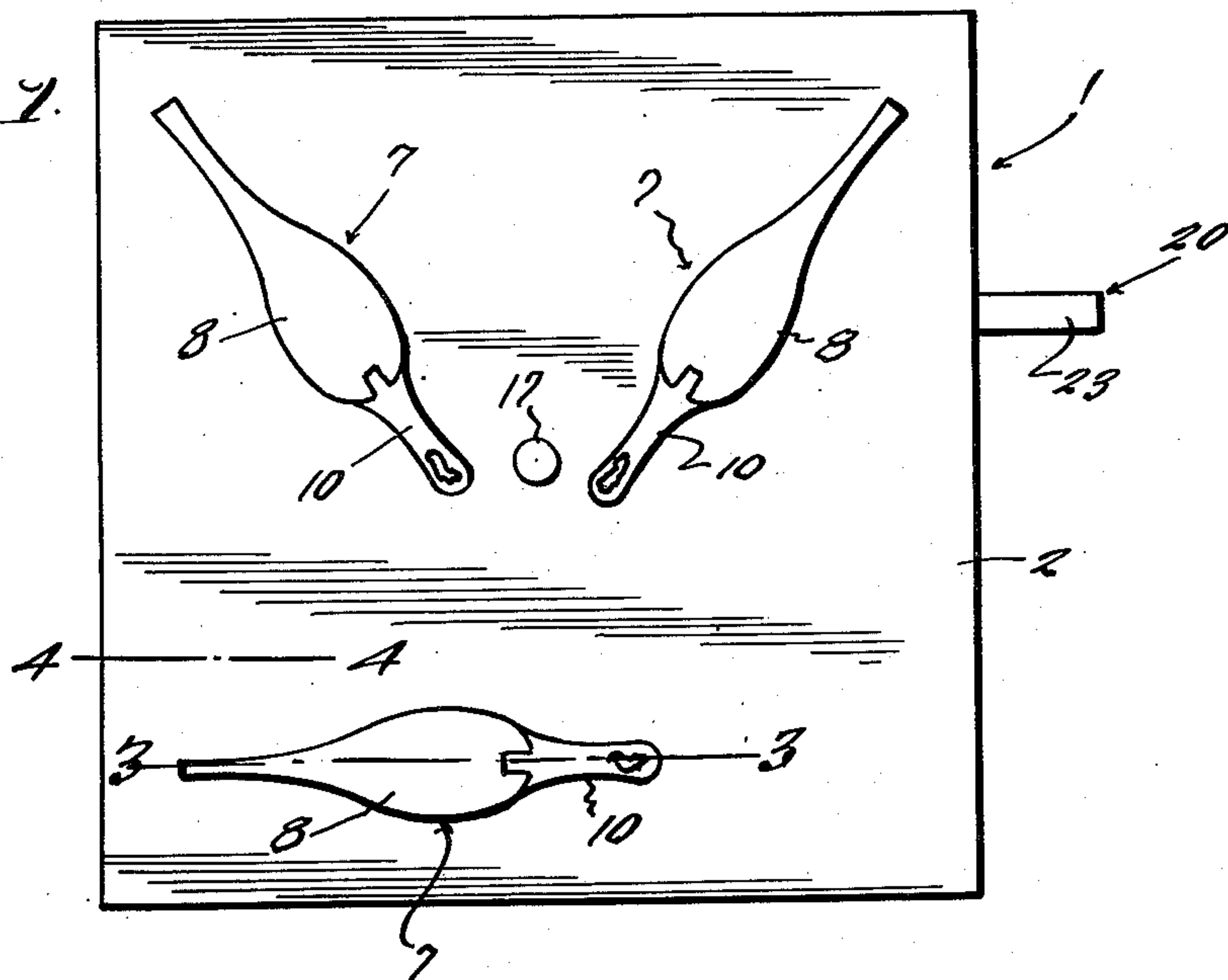
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TOY

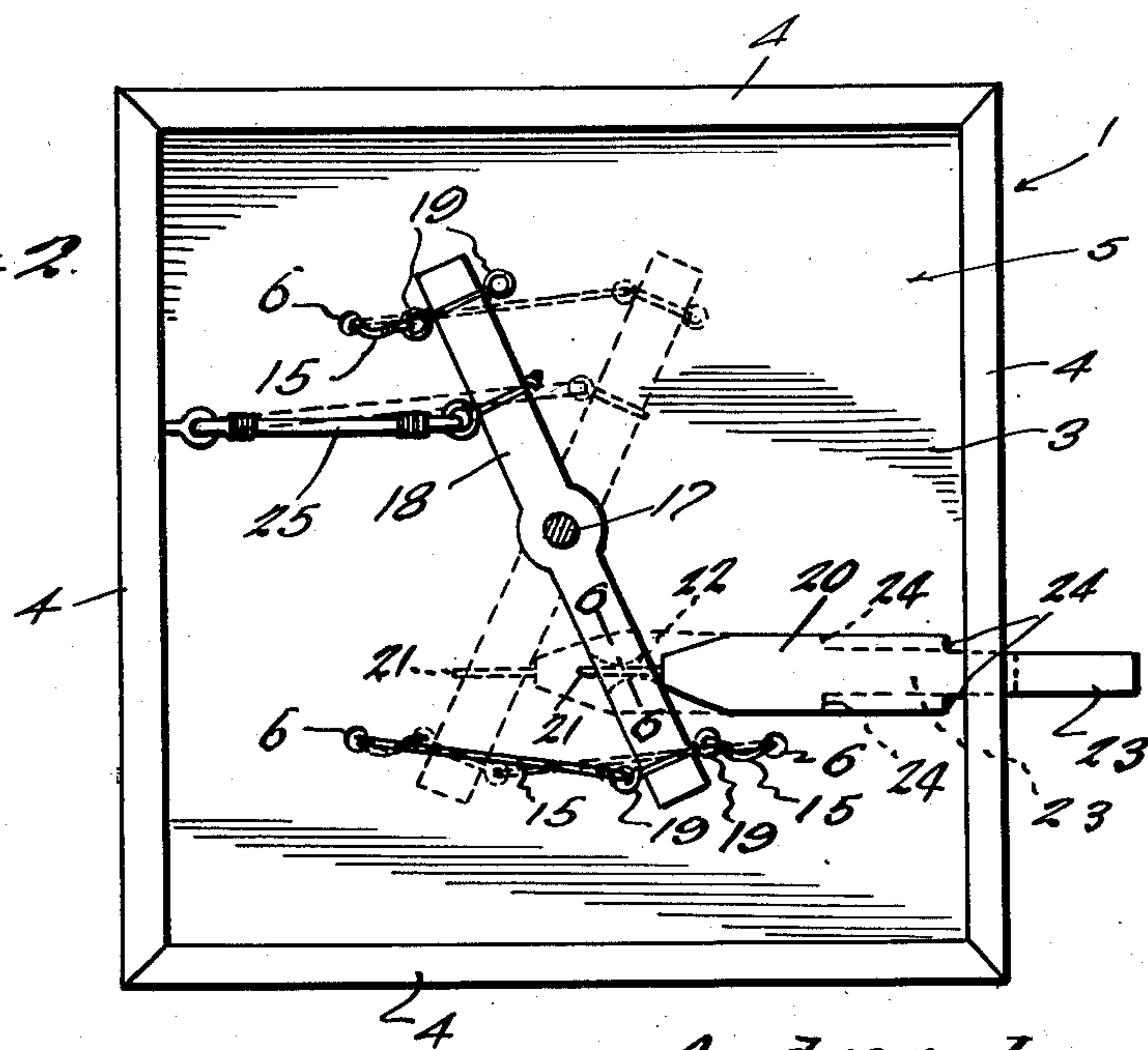
Filed March 29, 1935

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*Fig. 1.*



*Fig. 2.*



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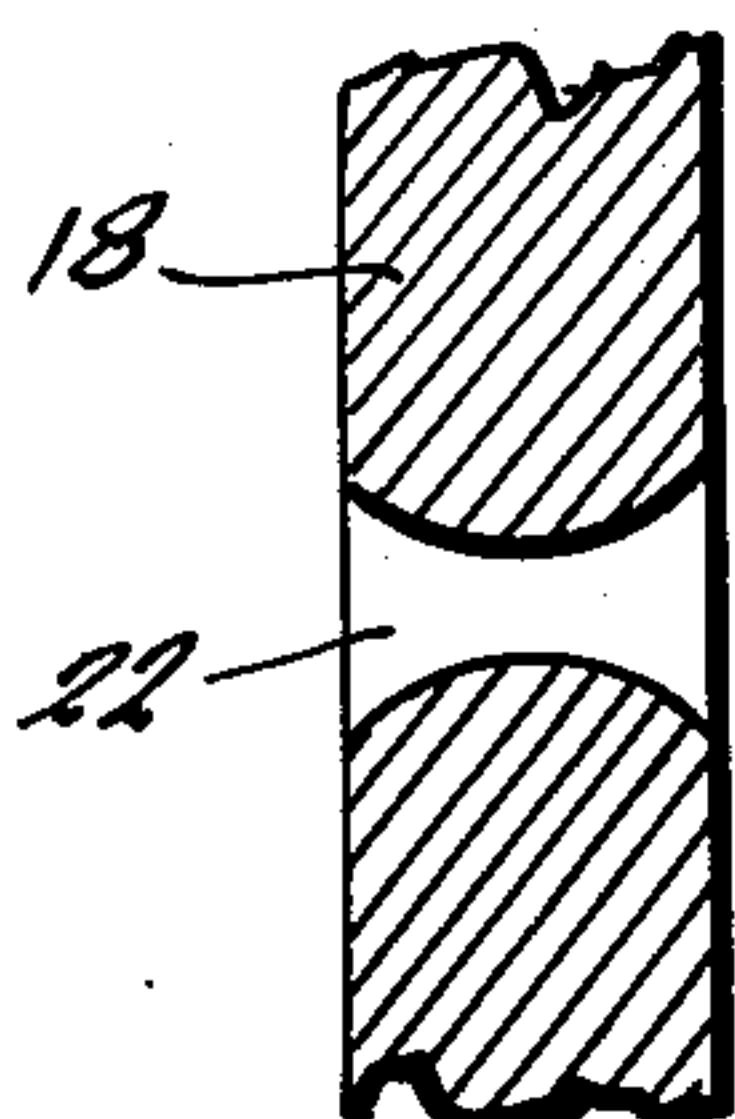
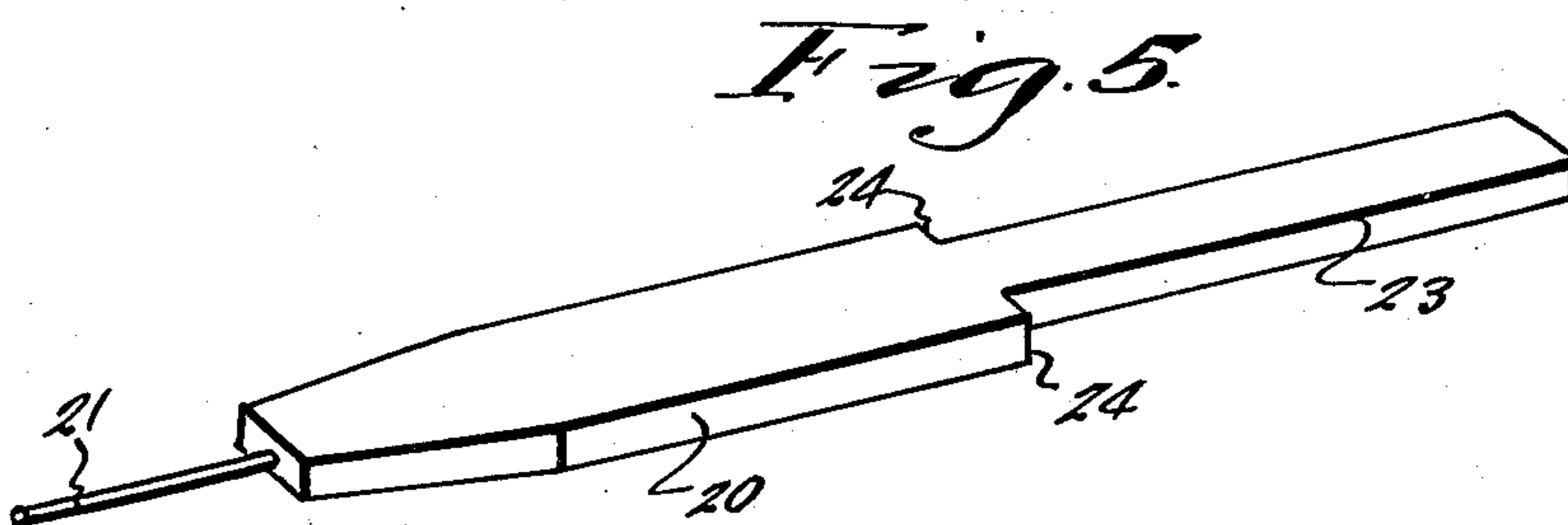
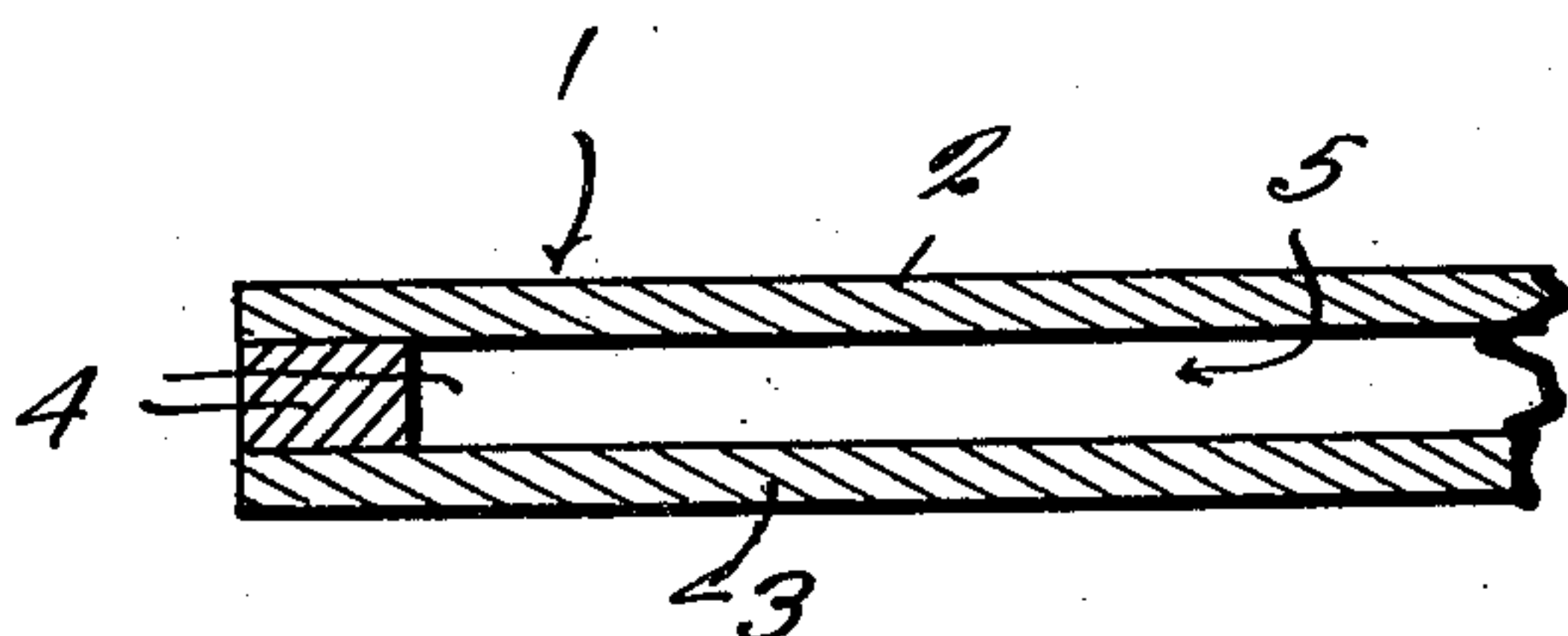
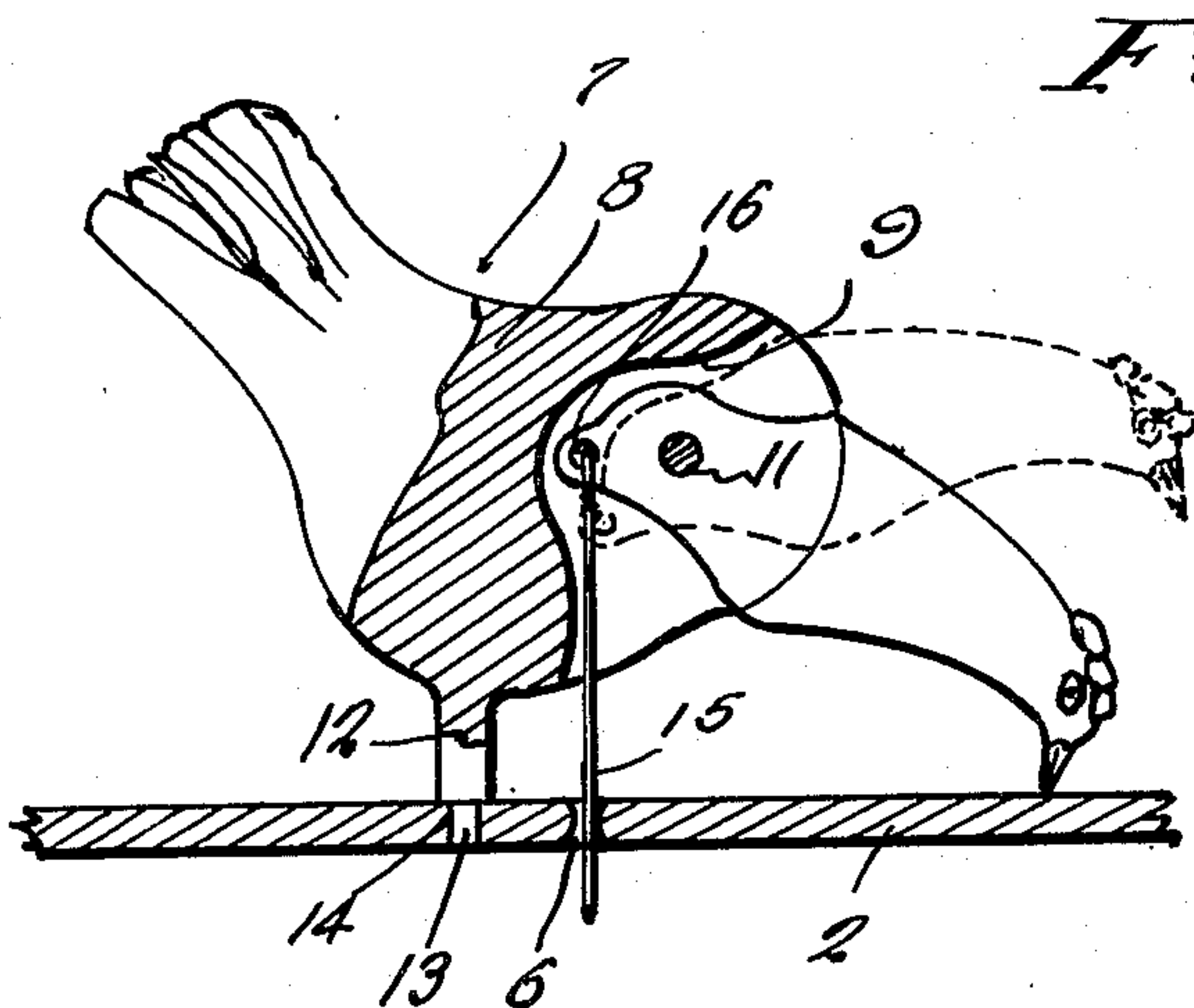
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*Fig. 6.* *Andrew Lawrence*

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## UNITED STATES PATENT OFFICE

2,011,977

TOY

Andrew Lawrence, Cle Elum, Wash.

Application March 29, 1935, Serial No. 13,770

5 Claims. (Cl. 46—40)

The present invention relates to new and useful improvements in toys and has for its primary object to provide, in a manner as hereinafter set forth, a novelty which, when actuated, will closely simulate a plurality of chickens in the act of eating.

Another very important object of the invention is to provide a toy of the aforementioned character which embodies novel actuating means for the chickens.

Other objects of the invention are to provide a toy of the character set forth which will be comparatively simple in construction, strong, durable, compact, highly attractive and amusing, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in top plan of a toy constructed in accordance with the present invention.

Figure 2 is a view in bottom plan of the substantially flat casing or base with the bottom removed therefrom to expose the operating mechanism.

Figure 3 is a view principally in vertical section, taken substantially on the line 3—3 of Figure 1.

Figure 4 is a fragmentary view in vertical section, taken substantially on the line 4—4 of Figure 1.

Figure 5 is a detail view in perspective of the operating plunger.

Figure 6 is a view in vertical section through an intermediate portion of the operating lever, taken substantially on the line 6—6 of Figure 2.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially flat casing 1 of any suitable material and dimensions. The casing 1 includes a top or panel 2, a bottom 3, and side walls 4, thus providing a chamber 5. The top 2 of the casing 1 has formed therein a plurality of openings 6, the purpose of which will be presently set forth.

The casing 1 constitutes a base for a plurality of representations of chickens which are designated generally by the reference numeral 7. As illustrated to advantage in Figure 3 of the drawings, each chicken 7 includes a body 8 having formed in its forward end portion a chamber 9 in which a head 10 is journaled for swinging movement in a vertical plane as at 11. Depending from the body 8 is a pair of legs 12 having reduced lower

end portions 13 fixed in openings 14 which are provided therefor in the top 2 of the casing 1. The pivots 11 of the swinging members 10 are spaced from the inner ends of said swinging members. Strings 15 are connected, at one end, to the inner ends of the swinging members 10, eyes 16 being provided for this purpose. The strings 15 are operable in the openings 6 in the top 2 of the casing 1. The chickens 7 may, of course, be of any suitable material.

Mounted vertically in the chamber 5 of the casing 1 is a pin 17 upon which a lever 18 is mounted, at an intermediate point, for swinging movement in a horizontal plane. The other end portions of the strings 15 are connected to the end portions of the lever 18 (see Figure 2), eyes 19 being provided for this purpose.

The reference numeral 20 designates a slidable plunger which is operatively connected with one end portion of the lever 18. A pin 21 projects longitudinally from the inner end of the plunger 20 and is engaged in an opening 22 which is provided therefor in the lever 18, said opening 22 being flared at its ends to compensate for the arc described by the lever 18. The plunger 20 further includes a reduced outer end portion 23 which extends slidably through an opening provided therefor in one of the side walls 4 of the casing 1. It will thus be seen that shoulders 24 are provided on the plunger 20 which will prevent withdrawal of said plunger from the casing 1. The plunger 20, when pushed inwardly, actuates the lever 18 in one direction. A resilient member 25 in the form of a spring or strand of rubber is connected to the other end portion of the lever 18 for actuating said lever in the opposite direction when the plunger 20 is released.

It is believed that the operation of the toy will be apparent from a consideration of the foregoing. When the plunger 20 is pushed inwardly, the lever 18 is actuated against the tension of the spring 25 in a manner to raise or elevate the heads 10 of certain of the chickens 7. Then, when the plunger 20 is released, the spring 25 actuates the lever 18 in the opposite direction, thus raising the heads 10 of the remaining chickens 7 and permitting the heads 10 which were previously raised to fall by gravity from the position shown in dotted lines in Figure 3 of the drawings to that shown in full lines, the bills of the chickens striking the top 2 of the casing 1 in a manner to make a sound closely resembling that made by chickens when picking up feed. While three representations 7 have been illustrated, as many as desired may be mounted on the base 1.



It is believed that the many advantages of a toy constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

10 What is claimed is:

1. A toy of the class described comprising a casing, bodies mounted on said casing, members mounted for swinging movement in a vertical plane on said bodies, a lever pivotally mounted, at an intermediate point, for swinging movement in the casing, flexible elements operatively connecting the swinging members to the end portions of the lever for actuation thereby to elevated position, a manually operable plunger extending slidably into the casing and operatively engaged with one end portion of the lever for actuating said lever in one direction, and resilient means for actuating the lever in the opposite direction.

2. A toy of the class described comprising a casing, bodies mounted on said casing, members mounted on said bodies for swinging movement in a vertical plane, a lever pivotally mounted, at an intermediate point, in the casing, flexible elements operatively connecting the swinging members to the end portions of the lever for actuation thereby to elevated position, said lever having an opening therein, a manually operable plunger extending slidably into the casing and engaged with the lever for actuating said lever in one direction, said plunger including a longitudinally projecting pin on its inner end engaged in the opening, and a resilient element connected to the other end portion of the lever for actuating said lever in the opposite direction.

3. A toy of the class described comprising a substantially flat casing, a plurality of bodies mounted on said casing, members pivotally mounted on said bodies for swinging movement

in a vertical plane, the top of the casing having openings therein, a lever pivotally mounted, at an intermediate point, in the casing for swinging movement in a horizontal plane, flexible elements operable in the openings and having one end connected to the lever and their other ends connected to the swinging members for actuating said swinging members to elevated position, said lever having an opening therein, a manually operable plunger extending slidably into the casing and operatively engaged with the lever for actuating said lever in one direction, said plunger including a longitudinally projecting pin on its inner end engaged in the second named opening, said plunger further including a reduced outer portion extending through one of the walls of the casing, and a resilient element connected to the lever for actuating said lever in the opposite direction.

4. A toy of the class described comprising a casing, bodies mounted on said casing, members mounted for swinging movement in a vertical plane on said bodies, a lever pivotally mounted, at an intermediate point, for swinging movement in the casing, flexible elements operatively connecting the swinging members to the end portions of the lever for actuation thereby to elevated position, a manually operated plunger extending slidably into the casing and operatively engaged with one end portion of the lever for actuating said lever in one direction.

5. A toy of the class described comprising a panel, a member, means for swingably mounting the member on the panel, a lever, means for rockably mounting the lever on the panel on the opposite side from the member, a flexible element operatively connecting the swinging member to the lever for actuation thereby, and a manually operable plunger extending slidably into the casing and operatively engaged with the lever for actuating said lever in one direction.

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