

Oct. 1, 1929.

A. SAWICKI

1,729,845

FOWL DECAPITATOR

Filed Aug. 30, 1928

Fig. 1.

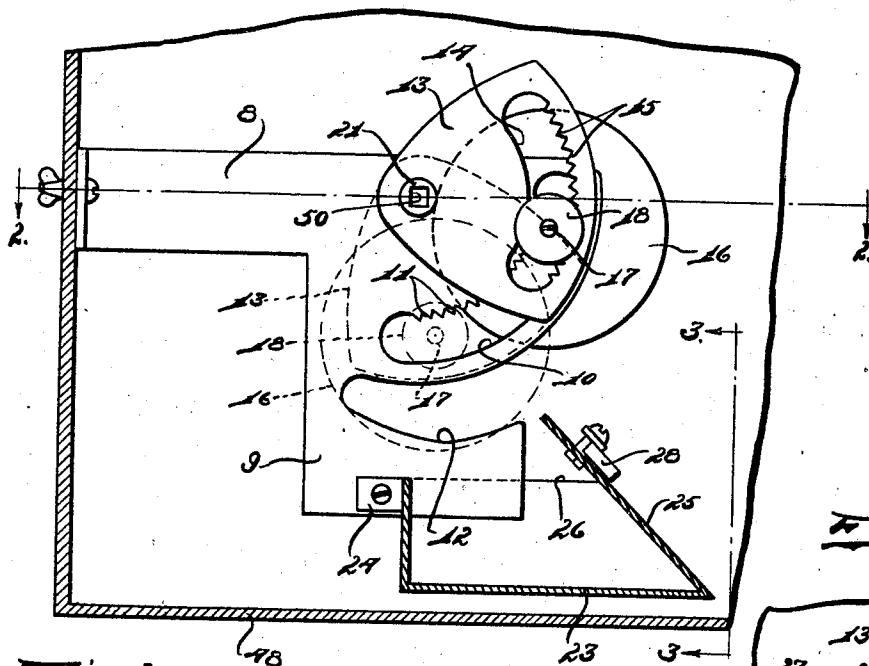


Fig. 2.

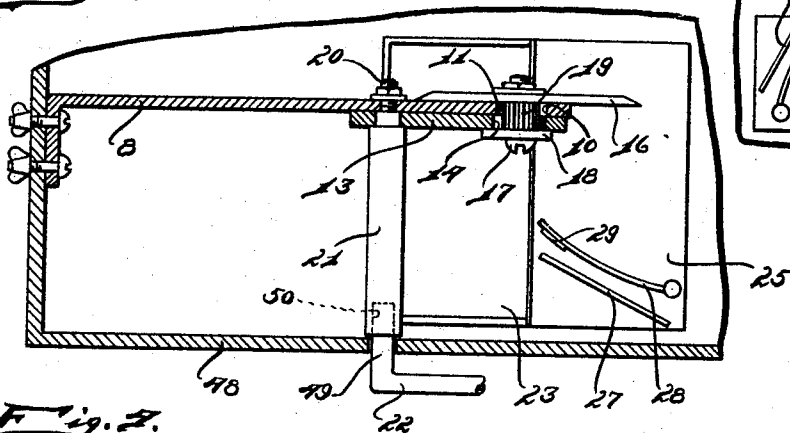
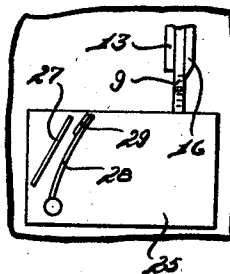
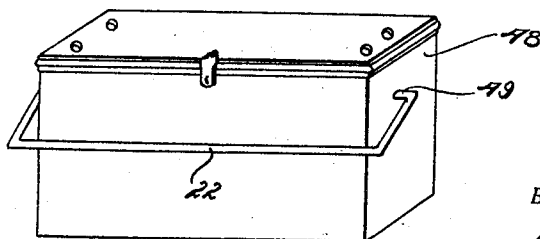


Fig. 3.



INVENTOR.

Adam Sawicki.

BY

Thos. Donnelly
ATTORNEY.

UNITED STATES PATENT OFFICE

ADAM SAWICKI, OF DETROIT, MICHIGAN

FOWL DECAPITATOR

Application filed August 30, 1928. Serial No. 302,943.

My invention relates to a new and useful improvement in a fowl decapitator, and has for its object the provision of a device of this kind in which the operation will be rapid and easily accomplished.

16 is fixedly mounted on this bolt 17, and there is fixedly mounted on the bolt 17 between the washer 18 and the disc 16 a pinion 19, engaged or meshing with the teeth 11 and 15.

Another object of the invention is the provision of a device of this kind which will be simple in structure, economical of manufacture, and highly efficient in use.

Another object of the invention is the provision of an attachment whereby the device may be used for slitting purposes in such cases as it may be desirable to save the blood of the fowl.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings, which form a part of this specification, and in which,

Fig. 1 is a side elevational view of the invention showing it mounted in a container.

Fig. 2 is a sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is a fragmentary view taken on line 3—3 of Fig. 1.

Fig. 4 is a perspective view of a box embodying the invention.

In the drawings I have illustrated the invention mounted in a box 48. Secured to and projected outwardly from one wall of the box is a bracket 8 having a depending plate 9 formed thereon. An arcuate slot 10 is formed in the depending plate 9 and provided on one of its edges with teeth 11. This plate 9 is also provided with the notch 12. Pivotaly mounted on one face of the plate 9, adjacent the upper end thereof, is a segmental plate 13 having an arcuate slot 14 formed therein which is provided with teeth 15 on one edge thereof. Positioned at the side of the plate 9 opposite to the segmental plate 13 is a circular cutter 16 in the form of a disc. Projected through the slot 14 and through the slot 10 and through the disc 16 is a bolt 17, a washer 18 engaging the bolt at one end and preventing its passage through the slot 14. The disc

The bolt 20 serves to pivotally mount the plate 13 on the plate 9, the plate 13 being fixed against rotation relatively to the bolt 20. A handle 22 is provided for the box 48 which will serve to support the box when same is being carried about from place to place. The ends of this handle 22 are angularly turned and projected through the end walls of the box 48, one of these ends 49 engaging in a socket 50 formed in the end of an extension 21 of the bolt 20, this end 49 being formed square in cross-section so that a rocking of the handle 22 will effect a rotation of the box 20 and consequently a rocking of the plate 13. This plate in its rocking movement moves a distance equal substantially to the combined lengths of the slots 10 and 14.

In operation the neck of the fowl would be engaged in the notch 12 so that the head would be on one side of the plate 9 and the body on the other side. A rocking of the segmental plate 13 from the position shown in full lengths in Fig. 1 to the position shown in dotted lines, would effect a movement of the cutting element 16 across the notch 12, and thus the head severed from the body. As the segmental plate moves downwardly, it carries with it the bolt 17 and the parts thereto attached, the pinion 19 effecting a rotation of the cutting element 16. In the manner indicated, a rapid decapitation becomes possible and a clean, well-designed cut is made. The rapidity of the operation also renders the device one which may be considered humane in its operation.

I have also provided a receptacle, or reservoir, for catching the blood when it is desired to save the blood of the fowl, as, for instance, when ducks or geese are killed. This reservoir comprises a box-like structure 23, having a lug 24, whereby the device may be attached to the depending plate 9. The front wall 25 of this box is inclined and extends upwardly beyond the upper edge 26 of the

box proper. Mounted fixedly on the projecting upwardly from the forward wall 25, is an engagement plate 27 against which the neck, or head, of the fowl may be engaged. A leaf spring 28 is fixedly mounted on the wall 25 and will serve to present the head or neck of the fowl against the engagement plate and upwardly projecting plate 29 being mounted on the free end of the leaf spring 28, to provide a large engaging surface on the leaf spring. In operation, after the fowl's head, or neck, has been engaged between the members 27 and 28, a downward movement of the disc 16 sufficiently to slit the throat of the fowl may be effected, whereupon the parts 28 and 27 will retain the fowl in position so that the blood may be deposited in the reservoir 23.

By mounting the device in a box of this kind, the fowl when decapitated is retained in the box so that no disturbance or unsightly scene is caused. Furthermore, the bracket may be easily and quickly removed from the box together with the mechanism mounted thereon, so that when the device is not used for decapitating purposes the box will prove useful for the ordinary functions of a box.

While I have illustrated and described the preferred form of construction, I do not wish to limit myself to the precise details of structure shown, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A fowl decapitator of the class described, comprising a supporting bracket, a plate depending from end of said bracket, and having an arcuate slot formed therein, and a notch formed at one edge below said slot, said slot having teeth formed on one edge; a segmental plate swingably mounted on said depending plate and having an arcuate slot formed therein, struck on the same radius as said first mentioned arcuate slot and having teeth formed on one of its edges, the teeth on said second mentioned arcuate slot being opposite the position of the teeth on said first mentioned arcuate slot, said arcuate slot being in alignment; a bolt projected through the said slots; a pinion fixedly mounted on said bolt and meshing with said teeth; and a cutting element fixedly mounted on said bolt, the swinging of said segmental plate effecting a rotation of said cutting element and a movement of the same past said notch.

2. A fowl decapitator of the class described, comprising a supporting bracket, a plate depending from end of said bracket, and having an arcuate slot formed therein, and a notch formed at one edge below said slot, said slot having teeth formed on one edge; a segmental plate swingably mounted

on said depending plate and having an arcuate slot formed therein, struck on the same radius as said first mentioned arcuate slot and having teeth formed on one of its edges, the teeth on said second mentioned arcuate slot being opposite the position of the teeth on said first mentioned arcuate slot, said arcuate slot being in alignment; a bolt projected through the said slots; a pinion fixedly mounted on said bolt and meshing with said teeth; and a cutting element fixedly mounted on said bolt, the swinging of said segmental plate effecting a rotation of said cutting element and a movement of the same past said notch; and means for swinging said segmental plate the same as the last, having a receptacle mounted on same depending plate for reception of blood from the fowl operated upon.

In testimony whereof I have signed the foregoing specification.

ADAM SAWICKI.

90

95

100

105

110

115

120

125

130