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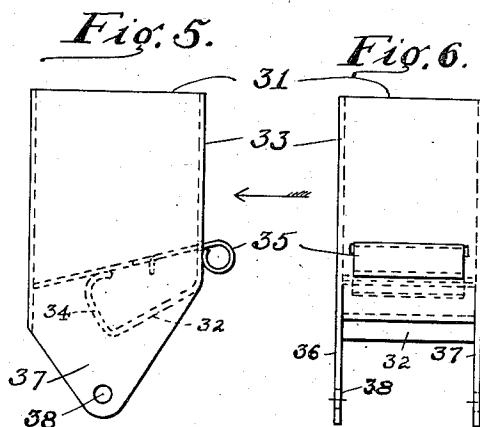
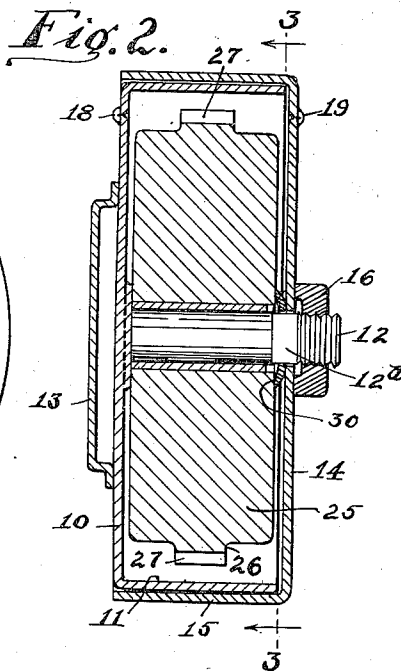
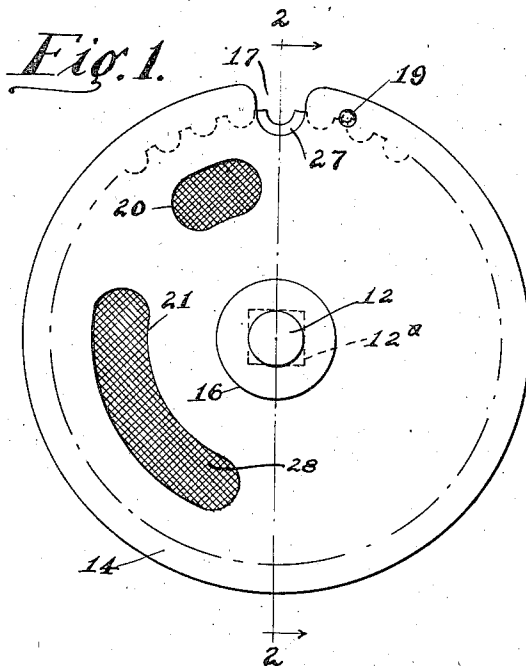
A. M. SIGNALNESS

2,436,154

AMMUNITION DISPENSER

Filed May 23, 1947

2 Sheets-Sheet 1



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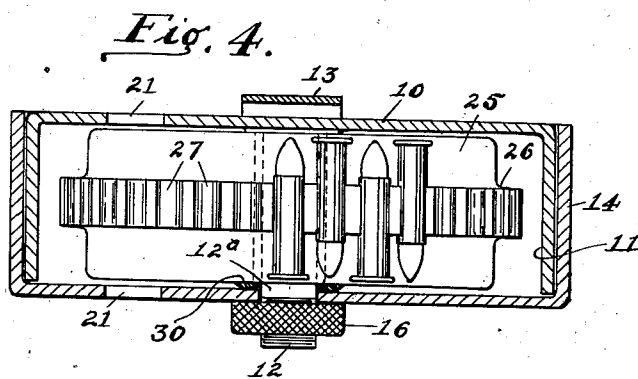
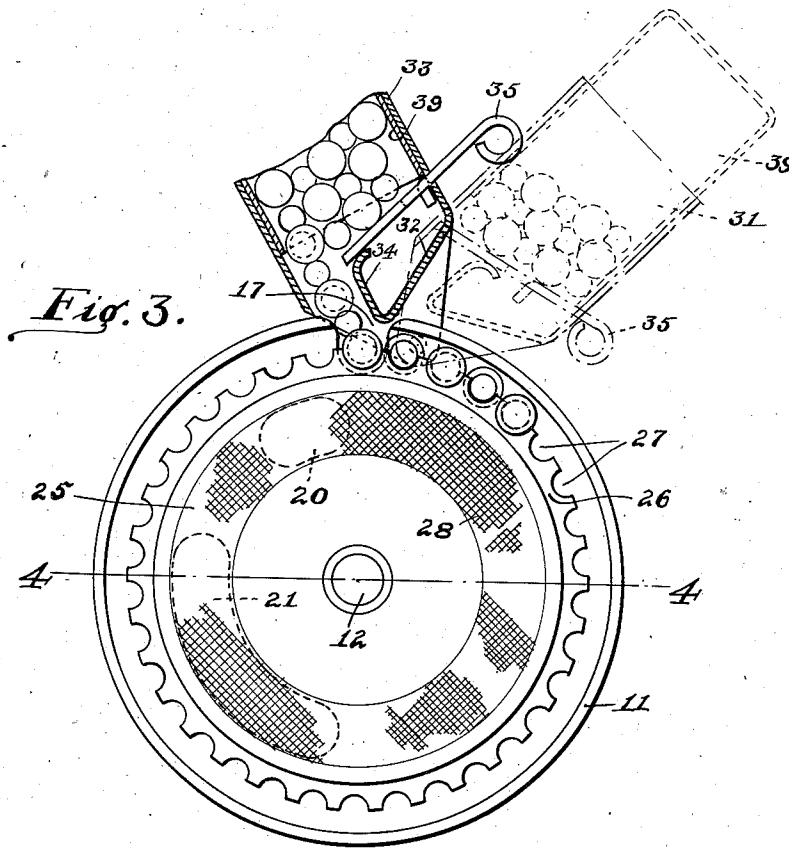
A. M. SIGNALNESS

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AMMUNITION DISPENSER

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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AMMUNITION DISPENSER

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Application May 23, 1947, Serial No. 750,082

5 Claims. (Cl. 312—97.1)

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One object of my present invention is the provision of a device for dispensing ammunition for the convenience of hunters which is adapted to be worn upon a belt, or otherwise attached to the clothing and may be readily loaded from the original container and manipulated to deliver the shells singly when they are required for gun loading purposes.

Another object of my invention is to provide in a device of this character, a two part casing containing a rotatable magazine adapted to support cartridges or shells on its periphery so that they are presented individually to a recess in the casing from which they may be readily extracted by a person's fingers, the casing being provided with apertures through which the fingers may grasp the magazine to rotate it in a step-by-step manner.

A further object of the invention is to provide in conjunction with the aforementioned casing a loading clip in which a carton of cartridges may be placed which is adjustable with reference to a loading aperture in the casing together with elongated openings in the walls of the casing whereby the magazines may be rotated rapidly to receive the cartridges successively from the loaded clip.

To these and other ends my invention comprises further improvements and advantages as will be further described in the accompanying specification, the novel features thereof being set forth in the appended claims.

In the drawings:

Figure 1 is a side elevation of a cartridge dispenser embodying my invention.

Figure 2 is a central vertical sectional view taken on the line 2—2 of Fig. 1.

Figure 3 is a cross sectional view taken on the line 3—3 of Fig. 2 the cover section of the casing being removed to show the enclosed drum and illustrating the loading clip in conjunction with the cartridge magazine.

Figure 4 is a view taken on the line 4—4 of Fig. 3 showing the two part casing in section and the magazine in a top plan view.

Figure 5 is a side view of the loading clip per se.

Figure 6 is a side view of the loading clip looking in the direction of the arrow on Fig. 5.

Similar reference numerals, in the several figures, indicate similar parts.

In providing an ammunition dispenser for the use of hunters I employ a two part cylindrical casing of a thickness determined by the length of cartridges of a particular caliber to be accommodated which may be made of light weight

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metal of suitable gauge, or of moulded plastic composition. In this casing I journal a magazine or carrier having on its periphery recesses or pockets for receiving single cartridges, and render it operable to present them successively to an aperture in the casing through which the magazine may be loaded in the first instance and from which the cartridges may be subsequently extracted singly.

To the above ends, therefore, in carrying out my invention, I provide a casing having front and rear portions. The rear portion comprises a panel 10 having a circular rim 11 and carrying interiorly a central stud or post 12 having an outer threaded end and a squared portion 12^a. Exteriorly of the panel 10 is an offset keeper 13 through which a belt or strap may be passed by means of which the device may be attached in a convenient position to a person's waist. The front of the casing is similarly constructed with a panel 14 apertured at the center to fit the angular portion of stud 12, and carrying a marginal flange 15 which surrounds the rim 11. The two parts of the casing are detachably secured together by means of a knurled nut 16 on the threaded end of the post 12.

The casing is provided on its upper side with a transverse opening 17 formed by cutting away portions of the overlapping flanges or rims 11 and 15 and notching the front and rear panels 10 and 14. On these panels I locate at one side of the opening projections 18—19 which are in alignment on the two parts of the casing and are formed by striking up or displacing in the forming dies small portions of the metal in order to provide a means of attachment for the loading clip illustrated in Figs. 5 and 6. In the two panels 10 and 14 are also arcuate slots 20 and 21 of unequal length which are provided for convenient operation of the enclosed cartridge magazine.

Journalled on the stud 12 is a cylindrical drum or body 25 having a central radial rib 26 provided with semi-circular recesses or notches 27 for the reception of cartridges, the bottoms of the recesses being spaced with reference to both the rim of the drum and the inner periphery of the rim 11 of the casing to provide clearance for the cartridge rims, as shown in Figs. 3 and 4. The opposite sides of the drum are provided with roughened or scarified surfaces 28 in the form of circular bands lying in the area of the apertures 20—21 and these being near the outer circumference of the casing it will be seen that the operator wishing to advance the drum single

spaces will grasp it with his fingers in the slots 20. These individual cartridges will be successively presented to the casing opening 17 through which they may be extracted.

Frictional resistance to the free rotation of the drum is caused by a concave spring washer 30 on stud 12, the tension of which is controlled by the nut 16.

Cartridges are supplied to the recesses in the drum directly from the boxes in which they are packed by the manufacturer and to this end I provide a suitable loading clip illustrated in Figs. 5 and 6. The clip, designated generally as 31, is a rectangular box open at its outer end and having a partial bottom 32 formed by turning inwardly the lower end of one of the side walls 33 and curling its extremity 34 upwardly in spaced relation to the opposite wall so as to leave a transverse opening sufficient to accommodate the passage of a single cartridge. Overlying this bottom is a sliding gate 35 which may be adjusted inwardly to close said passage. The lateral side walls of the clip are extended somewhat beyond its bottom as indicated by 36—37 and are perforated, as shown at 38 for the purpose of snapping over the projections 18—19 on the casing. In this way the clip is pivotally supported above the casing in a position which enables it to be swung clear of the casing opening 17, as shown in dotted lines in Fig. 3, or into magazine loading position with its bottom opening located to feed cartridges into the opening 17 and thence into the recesses of the drum. During this operation the drum is rotated by grasping it through the longer arcuate slots 21 whereby it may be moved successively distances equal to several of its recesses 27.

In practice huntersmen will tear off one end of the box or carton 39 of cartridges and insert this open end in the loading clip 31, first having closed the gate 35. Since the cartridge box fits closely within the clip it will be frictionally retained therein and the parts thus assembled may be held indefinitely in the dotted line position shown in Fig. 3. When it is desired to fill the magazine the clip, with the box therein, is rotated to the full line position of Fig. 4 and the gate 35 retracted to allow the cartridges to trickle into the casing opening 17 from which they are picked up successively as the recesses 27 in the drum pass beneath the opening.

When the box or carton is empty the loading clip is disengaged from the dispenser, until such time as it becomes necessary to replenish same, when it is again mounted on open end of a new box or carton and the wings 36—37 of the clip snapped into engagement with the projections 18—19.

I claim:

1. An ammunition dispenser comprising a casing having a cylindrical wall and spaced end walls, the cylindrical wall having an aperture for the introduction and removal of cartridges, a drum fitting between the end walls and of a diameter spacing its periphery from the cylindrical wall for the accommodation of cartridges and provided with spaced divisions for receiving separate cartridges, the end walls of the casing being provided with finger openings of unequal lengths through which the drum may be engaged for the purpose

of rotating it, the longer slot serving to enable the drum to be rotated successively through a distance equal to a plurality of its spaced divisions for cartridge loading purposes and the shorter slot serving to permit the drum to be actuated single spaces to present successive cartridges in position for withdrawal.

2. In a cartridge dispenser, the combination with a casing comprising front and rear portions each having a panel and a circular flange, one of which telescopes within the other, said flanges having cut away portions at the upper side of the casing, and a post attached to one of the panels having an end extending through the other panel and carrying a securing device, of a drum journaled on the post and fitting between the casing panels having its periphery spaced from the inner flange of the casing and one of its side walls scarified, a rib on the drum provided with spaced transverse notches for receiving cartridges, one of the casing portions having an aperture affording finger engagement with the scarified surface of the drum for rotating it.

3. In an ammunition dispenser, the combination with a cylindrical casing having a transverse aperture in its upper side for the insertion and removal of cartridges and a rotatable cartridge magazine in the casing, of a loading clip and having a bottom provided with an opening pivotally attached to the casing at one side of said aperture in a position whereby when tilted in one direction cartridges will gravitate into the casing aperture.

4. In a dispenser for cartridges comprising a rotatable magazine drum and an enclosing casing having a top opening for the insertion and removal of cartridges, of a loading clip for receiving the open end of a cartridge box and having an apertured bottom and pivotal connections between the casing and clip arranged to be alternatively turned to position the clip into an inoperative position away from the casing opening or with its bottom opening in registry with said casing opening.

5. In a dispenser for cartridges comprising a rotatable magazine drum and an enclosing casing having a top opening for the insertion and removal of cartridges, and embossures on the casing at one side of said opening, of a loading clip having a partially closed bottom, a gate for closing the bottom and arms on the clip embracing the embossures on the casing and rotatable thereon to position the opening in the bottom of the clip in register with the casing opening.

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