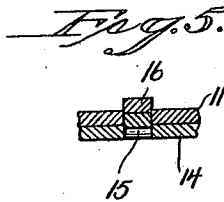
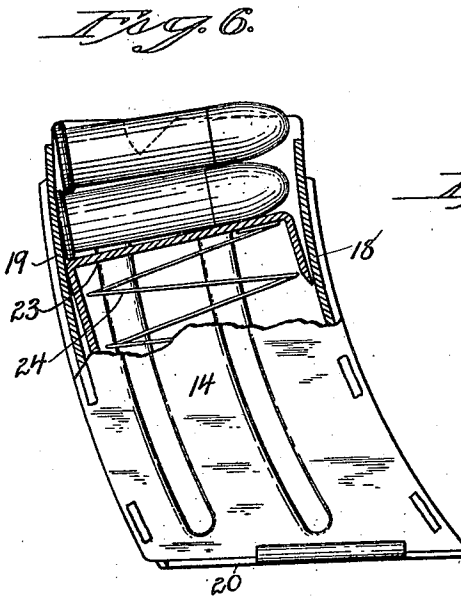
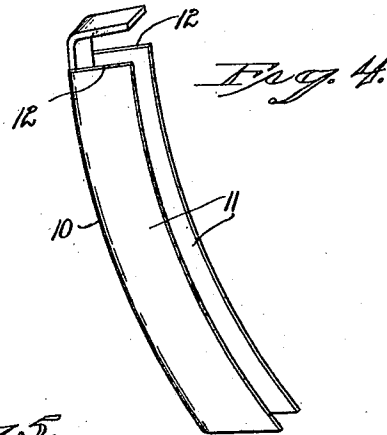
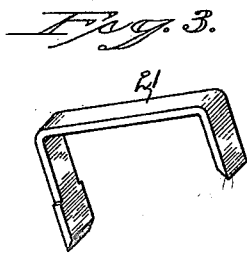
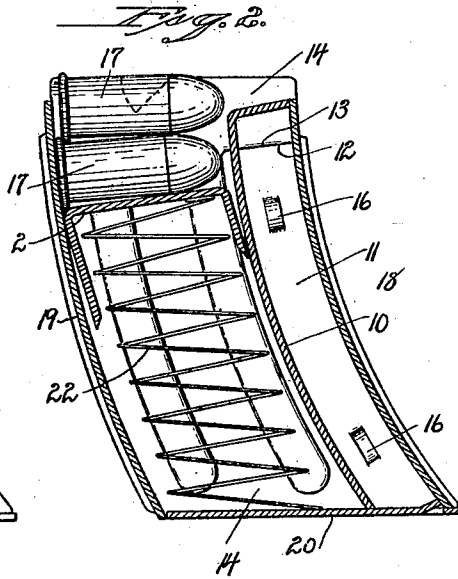
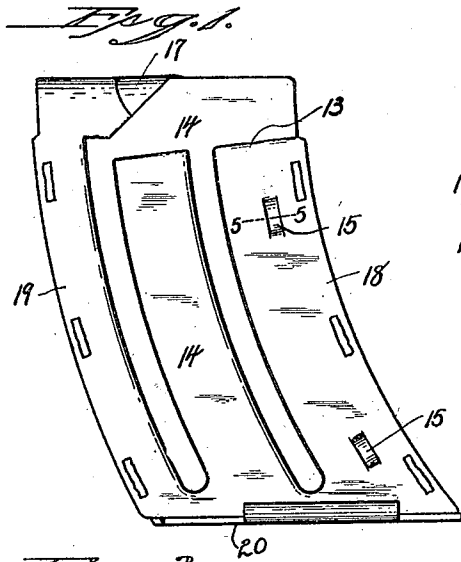


F. F. BURTON.  
BOX MAGAZINE FOR FIREARMS.  
APPLICATION FILED NOV. 3, 1921.

1,407,633.

Patented Feb. 21, 1922.



Inventor  
Frank F. Burton  
by Seymour A. Carver  
Atty

# UNITED STATES PATENT OFFICE.

FRANK F. BURTON, OF MOUNT CARMEL, CONNECTICUT, ASSIGNOR TO WINCHESTER REPEATING ARMS CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

## BOX MAGAZINE FOR FIREARMS.

1,407,633.

Specification of Letters Patent.

Patented Feb. 21, 1922.

Application filed November 3, 1921. Serial No. 512,622.

*To all whom it may concern:*

Be it known that I, FRANK F. BURTON, a citizen of the United States, residing at Mount Carmel, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Box Magazines for Firearms; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Fig. 1 a view in side elevation of a box-magazine embodying my invention.

Fig. 2 a view thereof in vertical central section, showing two short cartridges loaded therein.

Fig. 3 a detached perspective view of the magazine-follower.

Fig. 4 a similar view of the converting-member.

Fig. 5 a detached sectional view on the line 5—5 of Fig. 1.

Fig. 6 a view partly in elevation and partly in vertical central section of the same magazine, with the converting-member omitted, to adapt it for use with longer cartridges.

My invention relates to an improved box-magazine for firearms, the object being to produce a simple, compact, convenient and reliable box-magazine constructed with particular reference to being initially assembled by the inclusion or removal of secondary interchangeable features, either for long or short cartridges of the same caliber.

With these ends in view, my invention consists in a box-magazine for firearms having certain details of construction and combinations of parts as will be hereinafter described and particularly pointed out in the claim.

In carrying out my invention, as herein shown, I employ a one-piece, sheet-metal trough of segmental shape, which, in default of a better name, I shall designate as a converting-member. This part comprises a back 10 and corresponding side-walls 11 turned forward from the edges of the said back at a right angle thereto. At their upper ends, the said side-walls 11 are correspondingly cut away to form positioning-shoulders 12, which, when this member is used, abut against the lower faces of shoulders 13

formed in the upper portions of the side-walls 14 of the box-magazine, in which the converting-member is secured by upsetting the said side-walls 14 inwardly to form the indentations 15, which, in turn, engage corresponding indentations 16 in the side-walls 11 of the said member.

The specific construction of the box-magazine, with which my improved converting-member is employed, may vary so long as it is adapted to have its parts initially assembled to include my improved converting-member when it is desired to produce box-magazines for use with short cartridges, such as 17, of the same caliber as the longest cartridges capable of use with the magazine when not initially assembled to include the said member, the object of my invention being, as already stated, to produce a box-magazine for long or short cartridges without change in its external dimensions and without change in its body features, or mode of operation.

As shown, the box-magazine consists of complementary side-walls 14, front and rear walls 18 and 19, a bottom 20, a follower 21, and a follower-spring 22, these several parts being of familiar construction and function, and needing no specific description.

When, however, my improved converting-member is omitted, I employ a longer follower 23 and a longer follower-spring 24, as shown in Fig. 6, in which the magazine parts are shown as assembled without the converting-member, but without any structural change in the body of the box-magazine. It will be apparent that by my improvement, I effect an important economy in the manufacture of box-magazines and the guns in which they are to be used, since only one set of dies is necessary for producing the box proper for magazines for cartridges of the same caliber, but varying in length, it only being necessary to produce suitable converting-members, followers and follower-springs in accordance with the requirements of the individual cartridges to be used, while the gun in which the magazines are to be used requires no modification whatsoever.

I claim:

In a box-magazine for firearms, convertible for receiving and delivering cartridges of given caliber but varying in length, the combination with a body having side, front and rear walls, the former being provided

near their upper ends with inwardly projecting positioning-members, of a follower for the use of the magazine with cartridges of the maximum length, a shorter follower, 5 and a converting-member for cartridges shorter than the maximum length, consisting of a longitudinally-bowed part of U-shaped cross-section adapted to be inserted within the forward end of the magazine- 10 body and provided at its upper end, with positioning-means coacting with the posi-

tioning-members thereof, whereby it is accurately located therein prior to being permanently fastened in place.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses. 15

FRANK F. BURTON.

Witnesses:

ERIK S. PALMER,  
A. E. HODGSON.