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S. W. FISH

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CONTAINER WITH ADJUSTABLE FIREARM SUPPORT

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Fig-1-

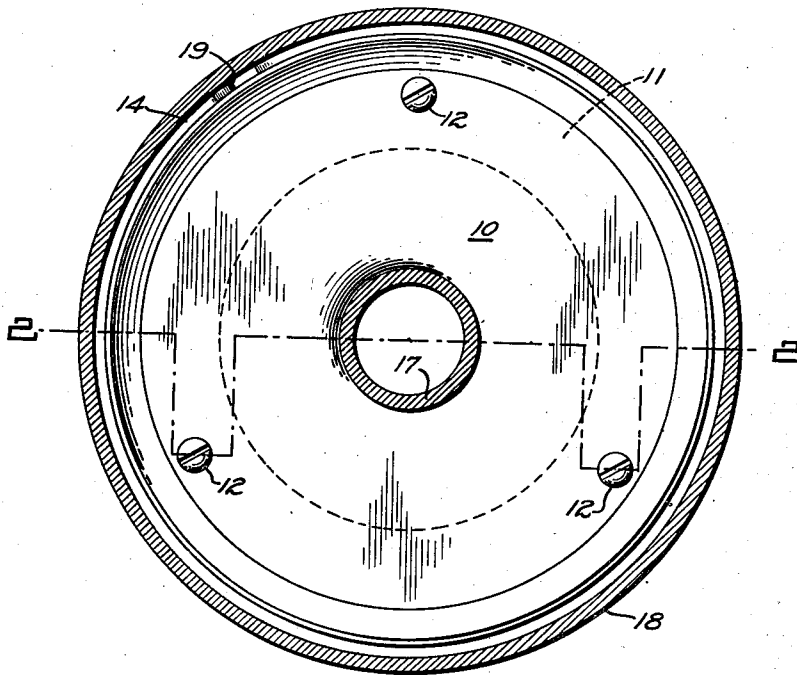
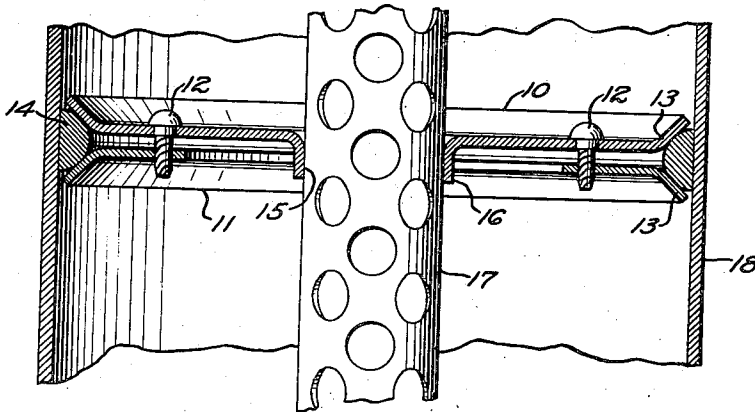


Fig-2-



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CONTAINER WITH ADJUSTABLE FIREARM SUPPORT

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2 Claims. (Cl. 206—16)

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The invention described herein may be manufactured and used by or for the Government for governmental purposes without the payment of any royalty thereon.

This invention relates to a support whereby the barrel of a firearm may be secured within a tubular container and axially positioned therein by simple adjustment of the support.

In the storage of cal. .50 machine guns, particularly of the aircraft type, in tubular metallic containers, it has been found that the supporting means for positioning the barrel or barrel jacket within the tubular container is far from satisfactory due primarily to the bent condition of the tube and to other factors. Former jacket supporting devices did not permit of any adjustment whereby the barrel and barrel jacket could be readily centralized within the tube.

Accordingly it is an object of this invention to provide a supporting device for axial a firearm container which surrounds the barrel or barrel jacket of a firearm, and permits lateral adjustment for alignment of the barrel or barrel jacket within a tubular container.

Another object of this invention is to provide a firearm supporting device for securing the jacket of the firearm within a tubular container whereby such support may be quickly and conveniently locked to the wall of the container.

A particular object of this invention is to provide an adjustable firearm support for the U. S. machine gun, cal. .50 M2 aircraft gun for storage in a tubular metallic container.

The specific nature of the invention as well as other objects and advantages thereof will clearly appear from a description of a preferred embodiment as shown in the accompanying drawings in which:

Fig. 1 is a plan view of the adjustable firearm support.

Fig. 2 is a fragmentary longitudinal sectional view of a firearm container showing the adjustable firearm support supporting the barrel jacket of a firearm within the container.

In Fig. 2 there is shown in assembled relation a firearm support embodying this invention. Such support essentially comprises a disk-like plate 10 and a ring 11 secured to disk-like plate 10 by a plurality of screws 12. The outer edges of plate 10 and ring 11 are flared as shown in Fig. 2 to form a substantially V-shaped flange 13 when the ring and plate are joined as shown in such figure. A split ring 14 as shown at 19 is placed within the V-shaped flange 13 and such ring is semi-cylindrical in cross section as shown in Fig.

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2 so that the flanges of plate 10 and ring 11 contact such ring substantially tangentially. An axial hole 15 is formed in plate 10 and an integral hub 16 is formed about hole 15. Hub 16 snugly engages a jacket 17 of a machine gun (not shown).

The assembled firearm support may then be inserted within a cylindrical container 18 shown in Fig. 2. The customary procedure however is to have the firearm (not shown) substantially in place in container 18 whereupon the firearm support is slid over jacket 17 of such firearm. When the desired vertical location of the firearm support is attained, the jacket is laterally positioned within container 18 by tightening and loosening adjusting screws 12 the amount necessary to align such jacket substantially axially with respect to the container 18. When jacket 17 is properly located, screws 12 are tightened whereupon split ring 14 is forced outwardly to bear tightly against the inner wall of container 18. Thus the firearm support is locked in place.

To those skilled in the art it is herein apparent that an improved firearm support is provided which will permit limited lateral adjustment of the barrel jacket of the firearm within the container while at the same time allowing the support to be locked securely in place by a simple yet positive friction device whereby the support is readily and securely positioned within the container so that any possible shifting of the firearm is substantially eliminated.

I claim:

1. In a tubular container for a firearm having a barrel jacket, a support member insertable in the container, said support member comprising a disk having a flared rim, said disk having an opening to accept the barrel jacket, a ring mounted on said disk in spaced relationship, said ring having a flared rim adjacent said flared rim of said disk, each of said flared rims defining a side of a substantially V-shaped groove, a split ring in said V-shaped groove, said split ring having a substantially semi-cylindrical cross-section so arranged as to bear substantially tangential on said flared rims, and screw means for variably spacing said ring from said disk whereby said split ring may be positioned to align the barrel jacket within the container and to axially secure said support therein by expansion of said split ring.

2. In a tubular container for a firearm having a barrel jacket, a support member insertable in the container, said support member comprising a disk having a flared rim, said disk having an

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opening to accept the barrel jacket, a ring having a flared rim, said rims being flared in a direction away from each other, means of adjustably securing said ring to said disk in spaced relationship thereof and arranged to vary the space therebetween, and an expansible split ring engageable by said flared rim on said ring and said disk and protruding diametrically outwardly therefrom whereby the adjusting of said ring in relation to said disk by said means secures said support member in the container by expansion of said split ring.

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