June 11, 1957 P. J. SEYMOUR ET AL 2,795,048

DETACHABLE REAR SIGHT FOR SHOTGUNS

Filed April 23, 1956

FIG. 1

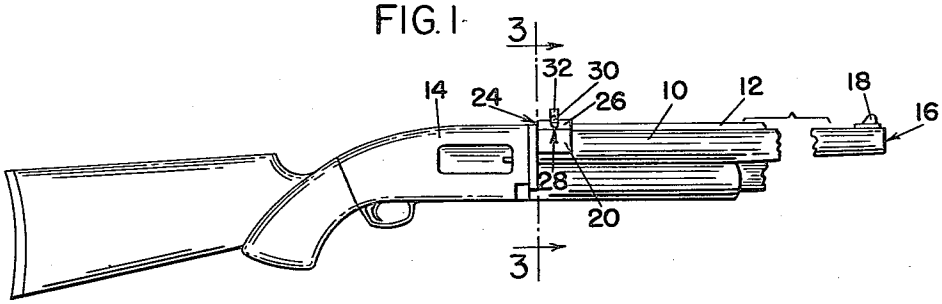


FIG. 2

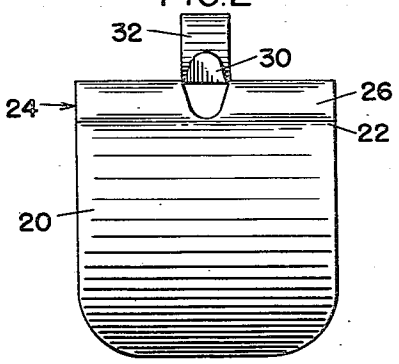


FIG. 3

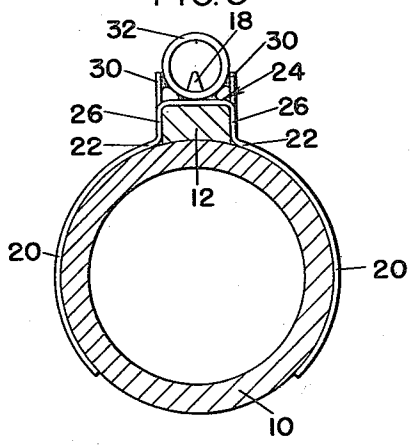
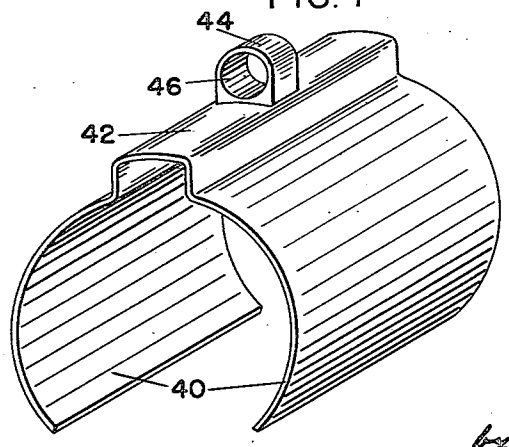


FIG. 4



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DETACHABLE REAR SIGHT FOR SHOTGUNS

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1 Claim. (Cl. 33—47)

This invention relates to a new and improved detachable rear shotgun sight for shotguns which are provided with sighting ribs on the barrels, whether such ribs are solid or ventilated, and the principal object of the invention resides in the provision of an easily detachable rear shotgun sight, whereby the object aimed at may be more clearly seen and more accurately sighted, in combination with a particular construction accommodating the sighting rib and providing material for the securement of a peep-sight to a resilient body member which detachably grips the barrel itself just in front of the receiver, the peep-sight being mounted upon an inverted trough-like member that accommodates the rib above described and is firmly centrally held to the barrel thereby in accurate sighting relation to the usual front sight.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which:

Fig. 1 illustrates the invention as applied to a conventional shotgun;

Fig. 2 is a side elevational view of the sight on an enlarged scale;

Fig. 3 is an enlarged section on line 3—3 of Fig. 1; and

Fig. 4 is a perspective view illustrating a modification.

The shotgun shown in Fig. 1 is of conventional construction and it may be an automatic, a pump gun, or a single-barrel single-shot. The barrel of the gun in any event is indicated by the reference numeral **10**, and it is provided with a sighting rib generally indicated at **12**. This sighting rib may be hollow, solid or ventilated as is well known in the art and aids the shooter in faster handling and shooting. The rib **12** extends from the receiver **14** to the muzzle of the gun at **16** and adjacent the muzzle there is a front sight **18** conventionally mounted.

The present invention relates to a rear sight which is provided with an opening or peep-sight through which the front sight **18** is visible as shown in Fig. 3 in order to more easily align the gun barrel with the target. Usually, no rear sight is provided with a shot-gun, but in many instances, especially for deer hunting, a rear sight greatly improves accuracy and speed of getting off a shot.

In the present case, the novel detachable sight is illustrated as made of some springy material such as for instance steel. It is made essentially of one piece including arc-shaped resilient side members or legs **20, 20** which are arranged to grip the barrel **10** as illustrated in Fig. 3. The tension with which the legs **20** grip the barrel **10** is sufficient to maintain the sight itself mounted on the barrel as shown in Fig. 1 but permits quick and easy removal of the sight from the gun barrel when it is not needed.

The two legs **20, 20** approach each other as at **22** and are joined by an inverted trough-shaped construction which is generally indicated at **24** and is provided with side members **26** blending into the respective legs **20, 20**. This trough will be made sufficient to encompass the rib **12** which in Fig. 3 is shown as solid, and it is to be particularly noted that if the rib **12** is not used on the gun as is sometimes the case, the present sight will be mounted upon the gun barrel exactly the same as before, so that the present detachable sight may be used on any shotgun barrel, whether it has a rib or not. However, with the rib, the novel rear sight is firmly and accurately held against lateral slippage and hence the sight is always in correct position for fast sighting and shooting.

The sides **26** of the trough **24** provide sufficient material which may be punched out and bent up as at **28** to form tabs **30**, located one on each side of the inverted trough **24**. Between these tabs **30, 30**, the peepsight **32** may be fixed as by welding, etc. It is preferred that the peepsight **32** have a fairly large aperture **34** as distinct from the usual peepsight found on a rifle. This ensures easy alignment with the front sight **18** as shown in Fig. 3 as is desirable with shotgun shooting.

When the gun is to be used for deer hunting and solid slugs or large buckshot are used for ammunition, the present sight clearly provides an easier, faster, and much more accurate alignment with the target as compared with using no sight at all as is usually the case and also as compared with the use of the rib itself. It will be clear that the elevation of the shot will be much more accurate and the eye will not tend to wander from side-to-side as is the case where the rear sight is lacking. However, if it is desired not to use the sight, as for instance in bird shooting, the same is quickly and easily removed from the barrel merely by pulling it off.

There is another form of the invention shown in Fig. 4 wherein the material is molded from plastic rather than steel or other resilient metal. In this case, the legs are indicated at **40, 40** and the trough at **42**. Instead of having the separate sight **32**, the sight construction generally indicated at **44** is molded integral with the trough **42** at the inverted bottom surface thereof as clearly shown. The sight **44** is provided with a relatively large round opening **46** which compares almost exactly with the opening **34** as shown in Fig. 3.

In the case of the metallic detachable sight, the inside surfaces of the legs **20, 20** should be felted, rubberized, or otherwise provided with cushioning material so as not to scratch the gun barrel; but in case of the molded plastic device of Fig. 4, particularly when nylon is used, such protection will not be needed, as the material of the molded detachable sight is itself of a nature which will not scratch the gun barrel or injure the bluing.

It will be seen that this invention provides against any lateral displacement of the detachable sight by reason of the coaction of the rib **12** with respect to the trough **24** since the rib fits within the trough and thus holds the sight in clear alignment with the front sight **18**, as distinct from detachable sights which may be mounted on barrels but which fail to have any protection against displacement in a lateral manner. It will be obvious that any such displacement completely spoils the shot and foils the exact purpose for which the sight is provided.

Having thus described our invention and the advantages thereof, we do not wish to be limited to the details herein disclosed, otherwise than as set forth in the claim, but what we claim is:

A detachable rear sight for a single barrel shotgun having a raised rib on the barrel, comprising a main body portion including a pair of resilient legs, said legs being formed on arcs and having concave portions facing each other to grip the gun barrel, an inverted trough construction joining said legs and adapted to accommodate the rib, said trough being unencumbered and clear for the reception of the rib, and an apertured sighting member located at the exterior surface of said trough centrally thereof and located above the gun body portion of the device and above the rib, said trough in coaction with said rib

preventing lateral displacement of the sight member with respect to the barrel or a front sight on the rib, and tabs struck up from the side walls of the trough to contact said sighting member and to hold the same in position.

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