Oct. 6, 1925. 1,555,854

G. R. HILL

BUSHING

Original Filed March 30, 1923

Fig. 1.

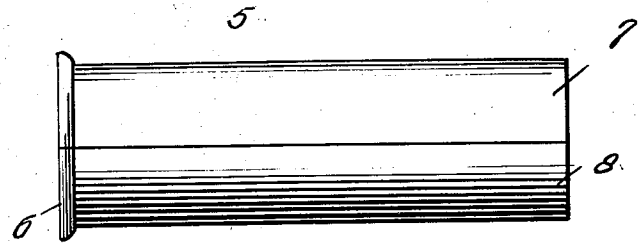


Fig. 2.

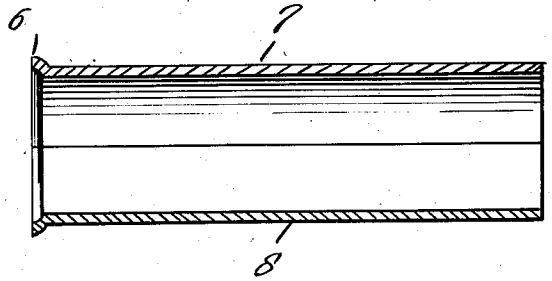
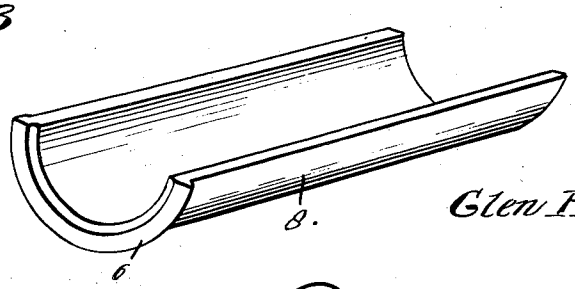


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

GLEN R. HILL, OF RAMER, ALABAMA.

BUSHING.

Application filed March 30, 1923, Serial No. 628,773. Renewed May 2, 1925.

To all whom it may concern:

Be it known that I, GLEN R. HILL, a citizen of the United States, residing at Ramer, in the county of Montgomery and State of Alabama, have invented certain new and useful Improvements in Bushings, of which the following is a specification.

In carrying out the present invention, it is my purpose to provide a bushing that is specifically adapted for positioning within the barrel of a shotgun, whereby shells of a lesser gauge may be used in the gun in lieu of the specific gauge cartridge that is adapted to be employed in conjunction with the gun.

A further purpose of my invention is the provision of such a bushing that is of such a nature as to be readily positioned within shotgun barrels, it being of course understood that these bushings are to be made of widely varying sizes, so as to be employed in conjunction with shotguns of varying gauges.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawing, the invention residing in the construction, combination, and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:—

Figure 1 is an elevation of my improved bushing.

Figure 2 is a longitudinal cross section thereof, and

Figure 3 is a perspective of one of the bushing sections.

Referring to the drawings in detail, there is shown a bushing 5 of any metal compatible with the purposes of my invention, one end of this bushing being provided with a flange 6, that is of a concavo-convex nature. The bushing may be of a length equivalent to the length of the barrel of the shotgun, equal results being procured however, by providing a bushing of lesser length than the shotgun barrel. The bushing shown in the drawing is comprised of a pair of half sections 7 and 8, it being of course understood that the same may consist of a great number of sections if desirable.

In applying this bushing to shotgun barrels, the same is positioned within the barrel on the rear end thereof, the flange 6 being closely fitted into contact with the usual curved shoulder upon the end of the barrel. The inner face of this bushing receives the usual bead upon the end of the shell for preventing the discharging of the shell from the gun.

In view of the above description, it will at once be apparent that I have provided a shotgun attachment that will answer the purposes above set forth, and although I have herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein, without departing from the spirit and scope of the invention as claimed.

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

In combination with the barrel of a shot gun, a cylindrical two-piece bushing adapted to be inserted therein for lessening the bore of the shot gun barrel, said bushing comprising a pair of similar longitudinal half-sections that are flanged upon their inner ends for engagement upon the usual shell retaining shoulder of the shotgun barrel, the contiguous longitudinal edges of said sections being entirely smooth and flat and devoid of projections and depressions.

In testimony whereof I affix my signature.

GLEN R. HILL.