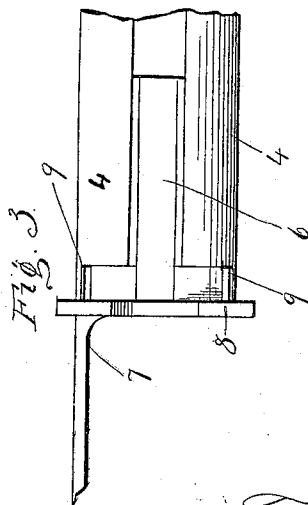
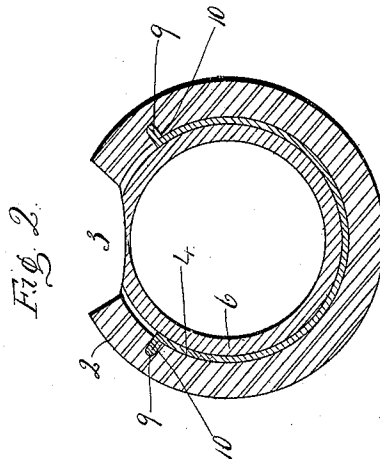
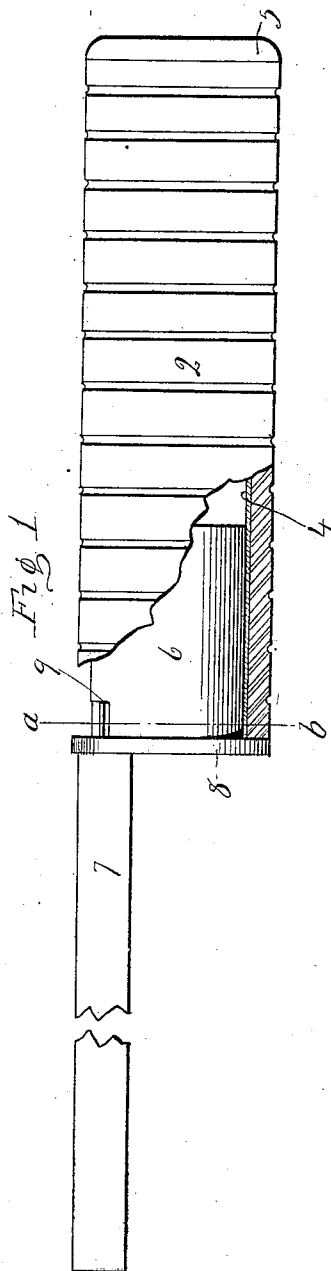


F. F. BURTON.
SLIDING OPERATING HANDLE FOR FIREARMS.
APPLICATION FILED MAR. 28, 1910.

962,889.

Patented June 28, 1910.



Witnesses
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UNITED STATES PATENT OFFICE.

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SLIDING OPERATING-HANDLE FOR FIREARMS.

962,889.

Specification of Letters Patent. Patented June 28, 1910.

Application filed March 28, 1910. Serial No. 551,865.

To all whom it may concern:

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

Figure 1 a broken view partly in right hand elevation and partly in vertical section of a sliding operating-handle constructed in accordance with my invention. Fig. 2 a view thereof in vertical section on the line *a—b* of Fig. 1 and drawn to a larger scale. Fig. 3 a broken plan view of the handle with the grip removed.

My invention relates to an improvement in sliding operating-handles for tubular magazine firearms, the object being to provide improved means for preventing the wooden grips of such handles from turning or spreading.

With these ends in view my invention consists in a sliding operating-handle having certain details of construction and combinations of parts as will be hereinafter described and pointed out in the claim.

In carrying out my invention as herein shown, I employ a shell-like tubular wooden grip 2 having its upper face cut away throughout its length to form a clearance space 3 for the gun barrel which is not shown, it being understood that my improved operating-handle is mounted in the usual manner to slide back and forth upon a tubular magazine, not shown, but located directly underneath the gun-barrel. In order to secure an economy of room, the grip 2 is formed with the space 3 to permit the handle to be located closer to the barrel than would otherwise be possible. The said wooden grip 2 is reinforced by a tubular sheet-metal shell 4 extending throughout

its length and provided at its forward end 50 with a flanged ferrule 5 against the rear face of which the forward end of the grip 2 abuts. At its rear end, the shell 4 is riveted or otherwise secured to a sleeve 6 providing means for the attachment to the handle of an action-bar 7 the rear end of which is adapted in any approved manner, for its connection with the mechanism, which is not shown, of the firearm. The rear end of the sleeve 6 is formed with a flange 8 the flat forward face of which forms an abutment for the rear end of the wooden grip 2. Now to prevent the said grip 2 from turning upon the shell 4 and also to prevent it from spreading open on account of being cut away throughout its length in its upper face to form the clearance space 3, I form two radial retaining-leaves 9, by turning back and folding upon itself portions of the extreme rear edges of the shell 4, these leaves being located on opposite sides of the clearance space 3 in the wooden grip 2. These leaves enter suitably positioned radial slots 10 formed for their reception in the inner face of the extreme rear end of the grip 2 which is slid, so to speak, endwise over the leaves 9 in bringing its rear end into abutment with the flange 8. These leaves 9, when entered into the slots 10, not only prevent the grip 2 from being rotated upon the shell 4, but also prevent the grip from springing open and away from the sleeve when it is subjected to twisting strains as in use.

In case the wooden grip 2 should be warped or sprung open at the time it is applied to the shell 4, it may, by being clasped in the hands, be forcibly contracted so as to register the radial slots 10 in its rear end with the said leaves 9 of the shell so as to permit the said leaves to be entered into the said slots. Now when the hand is released, the leaves prevent the grip from springing open again.

I claim:—

In a sliding operating-handle for tubular magazine firearms, the combination with a tubular wooden grip, of a sheet-metal shell

inserted therein to and formed at its rear
end with two radially arranged retaining-
leaves produced by folding portions of the
shell upon themselves, a sleeve entered into
5 the rear end of the shell, and an action-bar
carried by the sleeve.

In testimony whereof, I have signed this

specification in the presence of two subscri-
ing witnesses.

FRANK F. BURTON.

Witnesses:

THOMAS C. JOHNSON,
DANIEL H. VEADER.