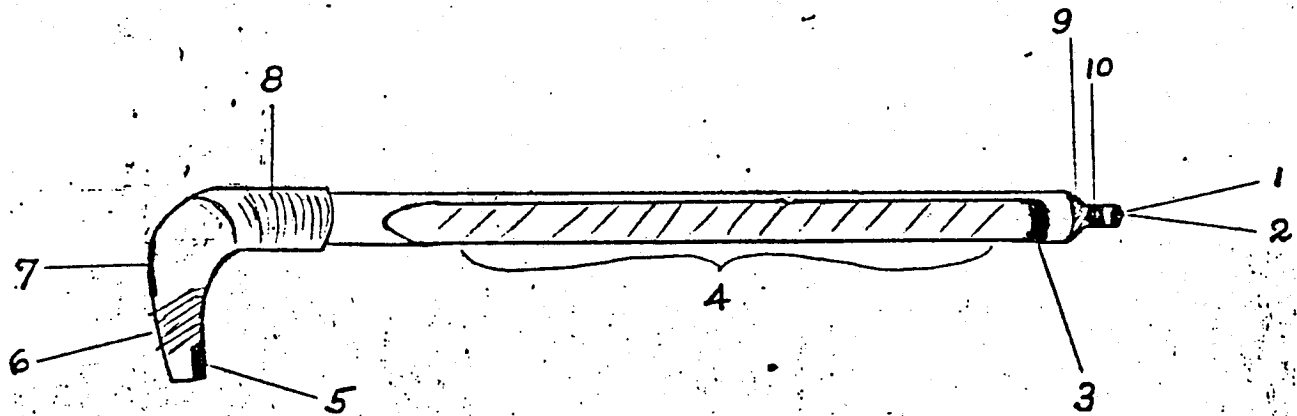


John Garand's own analytical explanation- and engineering achievement- of one single component involving TEN different elements of design; to function and mechanically endure in a rapid-fire gun...



1. striker-point to explode primer.
 2. striker-point; is firing pin stop surface on every round chambered in 6 million Mls. Every chambered round gets indent.
 3. In recoil, pin inertias rearward and stops on extractor shank.
 4. Kinetic vibration area. (the old solid pins fractured the tang)
 5. Cam to mate with receiver for firing-pin-withdrawel.
 6. Extention to position above cam.
 7. Hammer-strike area.
 8. Controlled diameter of this floating pin; to position No.5 cam.
 9. Foreward stop surface of pin- on closing bolt- empty gun.
 10. Diameter to furnish "primer-seal" if soft or blown primers occur.
- 5 affects 1
8 affects 5
7 affects 4

Also- this firing-pin is closely tied in, by design with bolt and receiver...

A.H.T.