The present invention is a gun barrel light to illuminate an interior of a barrel of a gun that includes an acrylic solid rod with a distal end and a proximal end wherein the distal end is curved at an approximate 45 degree angle. The distal end of the solid rod is inserted into the interior of the barrel of a firearm to illuminate the interior of the barrel and an external light source that emits and directs light that illuminates the interior of the barrel of the firearm. The gun barrel light has two embodiments and widths and can accommodate a .22 caliber handgun or a .45 caliber rifle.
GUN BARREL LIGHT

TECHNICAL FIELD & BACKGROUND

[0001] Traditionally, handheld weapons are difficult to see inside of, proving arduous to clean and inspect. Currently there are limited alternatives which allow for simple and effective illumination and inspection of hand guns of all sizes.

[0002] The present invention generally relates to a light. More specifically, the invention is a gun barrel light.

[0003] It is an object of the invention to provide a gun barrel light that illuminates the interior of a gun barrel to allow a user to clean or inspect the interior of a gun barrel.

[0004] It is an object of the invention to provide a gun barrel light that does not require a battery power source to utilize.

[0005] It is an object of the invention to provide a gun barrel light that utilizes an available adjacent light source to illuminate the interior of a gun barrel for cleaning or inspection.

[0006] What is really needed is a gun barrel light that illuminates the interior of a gun barrel to allow a user to clean or inspect the interior of a gun barrel that does not require a battery power source to utilize that utilizes any available adjacent light source to illuminate the interior of a gun barrel for cleaning or inspection.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] The present invention will be described by way of exemplary embodiments, but not limitations, illustrated in the accompanying drawings in which like references denote similar elements, and in which:

[0008] FIG. 1A illustrates a side perspective view of a gun barrel light, in accordance with one embodiment of the present invention.

[0009] FIG. 1B illustrates a front perspective view of a gun barrel light, in accordance with one embodiment of the present invention.

DETAILED DESCRIPTION OF ILLUSTRATIVE EMBODIMENTS

[0010] Various aspects of the illustrative embodiments will be described using terms commonly employed by those skilled in the art to convey the substance of their work to others skilled in the art. However, it will be apparent to those skilled in the art that the present invention may be practiced with only some of the described aspects. For purposes of explanation, specific numbers, materials and configurations are set forth in order to provide a thorough understanding of the illustrative embodiments. However, it will be apparent to one skilled in the art that the present invention may be practiced without the specific details. In other instances, well-known features are omitted or simplified in order not to obscure the illustrative embodiments.

[0011] Various operations will be described as multiple discrete operations, in turn, in a manner that is most helpful in understanding the present invention. However, the order of description should not be construed to imply that these operations are necessarily order dependent. In particular, these operations need not be performed in the order of presentation.

[0012] The phrase “in one embodiment” is utilized repeatedly. The phrase generally does not refer to the same embodiment, however, it may. The terms “comprising”, “having” and “including” are synonymous, unless the context dictates otherwise.

[0013] FIG. 1A illustrates a side perspective view of a gun barrel light 100, in accordance with one embodiment of the present invention.

[0014] The gun barrel light 100 includes a solid rod 110 and a light source 120. The solid rod 110 has a distal end 112 and a proximal end 114 that is curved at an approximate 45 degree angle at the distal end 112 but can be curved at any suitable angle. Typically the distal end 112 is inserted into the barrel of a firearm to illuminate the interior of the barrel. The proximal end 114 receives light that illuminates the interior of the barrel of a weapon. The light source 120 emits and directs light that illuminates the interior of the barrel of a firearm, although the light source can be any suitable light source that illuminates the interior of the barrel of a firearm.

[0015] FIG. 1B illustrates a front perspective view of a gun barrel light 100, in accordance with one embodiment of the present invention.

[0016] The components of the gun barrel light 100 are the same as the components of the gun barrel light 100 illustrated and described in FIG. 1A and its description. The components include the solid rod 110 and the light source 120 and all of their elements and dimensions.

[0017] The gun barrel light 100 has two different embodiments to accommodate a .22 caliber firearm and a .45 caliber rifle. The embodiment to accommodate a .22 caliber firearm is approximately 3/16ths of an inch wide and the embodiment to accommodate a .45 caliber firearm is approximately 3/8ths of an inch wide. The gun barrel light 100 is typically made of acrylic material but can be made of any suitable material. The gun barrel light 100 is approximately 2 1/4 inches long to allow for relatively easy introduction into the barrel of a weapon.

[0018] Comprised of an acrylic rod, the gun barrel light is approximately 2 1/4 inches long to promote easy introduction into the barrel of a weapon, with a safety mechanism denying entry to a loaded chamber. Relatively compact and lightweight, the gun barrel light is crafted to bend at an approximate 45° angle, approximately 3/8 inches from its distal end. Easy to use, the gun barrel light incorporates a battery-free light source, affording a user a clear look into a hand gun as well, making damage easily visible with the illuminated light. The gun barrel light may be readily available at retail novelty stores in various sizes. The gun barrel light does not require the use of batteries to operate the independent light source used in combination with the gun barrel light. The gun barrel light features an approximate 3/16 inch diameter rod for smaller hand guns, such as a .22 caliber firearm and an approximate 3/8 inch diameter rod for weapons up to a .45 caliber such as shotguns.

[0019] While the present invention has been related in terms of the foregoing embodiments, those skilled in the art will recognize that the invention is not limited to the embodiments described. The present invention can be practiced with modification and alteration within the spirit and scope of the appended claims. Thus, the description is to be regarded as illustrative instead of restrictive on the present invention.

1. A gun barrel light to illuminate an interior of a barrel of a gun, comprising:
   a solid rod with a distal end and a proximal end; and
   a light source that emits and directs light that illuminates said interior of said barrel of said firearm.

2. The gun barrel light according to claim 1, wherein said distal end is curved at an approximate 45 degree angle.
3. The gun barrel light according to claim 1, wherein said distal end of said solid rod is inserted into said barrel of said firearm with said interior to illuminate said interior of said barrel.

4. The gun barrel according to claim 1, wherein said light source is a light source external to said gun barrel light.

5. The gun barrel according to claim 5, wherein said light source emits and directs light that illuminates said interior of said barrel of said firearm.

6. The gun barrel light according to claim 1, wherein said gun is a handgun.

7. The gun barrel light according to claim 1, wherein said gun is a rifle.

8. A gun barrel light to illuminate an interior of a barrel of a gun, comprising:
   a solid rod with a distal end and a proximal end wherein said distal end is curved at an approximate 45 degree angle, said distal end of said solid rod is inserted into said barrel of a firearm with said interior to illuminate said interior of said barrel; and
   an external light source that emits and directs light that illuminates said interior of said barrel of said firearm.

9. The gun barrel light according to claim 8, wherein said gun is a handgun.

10. The gun barrel light according to claim 9, wherein said handgun is a .22 caliber handgun.

11. The gun barrel light according to claim 8, wherein said gun is a rifle.

12. The gun barrel light according to claim 11, wherein said rifle is a .45 caliber rifle.

13. A gun barrel light to illuminate an interior of a barrel of a gun, comprising:
    an acrylic solid rod with a distal end and a proximal end wherein said distal end is curved at an approximate 45 degree angle, said distal end of said solid rod is inserted into said barrel of a firearm with said interior to illuminate said interior of said barrel; and
    an external light source that emits and directs light that illuminates said interior of said barrel of said firearm.

14. The gun barrel light according to claim 13, wherein said solid rod is approximately 3/4 inch wide.

15. The gun barrel light according to claim 13, wherein said solid rod is approximately 5/8 inch wide.

16. The gun barrel light according to claim 13, wherein said gun is a handgun.

17. The gun barrel light according to claim 16, wherein said handgun is a .22 caliber handgun.

18. The gun barrel light according to claim 13, wherein said gun is a rifle.

19. The gun barrel light according to claim 18, wherein said rifle is a .45 caliber rifle.

20. The gun barrel light according to claim 13, wherein said gun barrel light is approximately 2 1/4 inches long.