

CLAIMS

1. A lighted ladder comprises:
a ladder comprising rungs and siderails; and
a light source engaged to the ladder, wherein the light source comprises light emitting diodes (LEDs).
2. The lighted ladder of claim 1, wherein the light source is connected to the rung.
3. The lighted ladder of claim 2, wherein the light source comprises a base that is engaged to a wire, and the wire forms the connection to the rung.
4. The lighted ladder of claim 3, wherein the wire has two ends, wherein each end connects to the base.
5. The lighted ladder of claim 4, wherein each end connects to the base securely using set screws that thread through the base.
6. The lighted ladder of claim 4, wherein the wire encircles a rung.
7. The lighted ladder of claim 3, wherein the LED is connected to the base.
8. The lighted ladder of claim 7, wherein the LED comprises two portions, a star board end portion that engages the base, and a lens portion that emits light.
9. The lighted ladder of claim 8, wherein the LED includes a grounding connection to the base, which in turn is electrically grounded to the ladder.
10. The lighted ladder of claim 7, wherein the LED is connected to the base via an LED housing.
11. The lighted ladder of claim 2, wherein the light source comprises a base that clamps to a rung.
12. The lighted ladder of claim 3, wherein the LED is connected to the base.
13. The lighted ladder of claim 12, wherein the LED comprises two portions, a star board end portion that engages the base, and a lens portion that emits light.
14. The lighted ladder of claim 13, wherein the LED includes a grounding connection to the base, which in turn is electrically grounded to the ladder.
15. The lighted ladder of claim 14, wherein the LED is connected to the base via an LED housing.

16. The lighted ladder of claim 2, wherein the light source comprises a base that clamps to a base plate that connects a rung to a ladder side rail.

17. The lighted ladder of claim 16, wherein the LED is connected to the base.

18. The lighted ladder of claim 17, wherein the LED comprises two portions, a star board end portion that engages the base, and a lens portion that emits light.

19. The lighted ladder of claim 18, wherein the LED includes a grounding connection to the base, which in turn is electrically grounded to the ladder.

20. The lighted ladder of claim 19, wherein the LED is connected to the base via an LED housing.