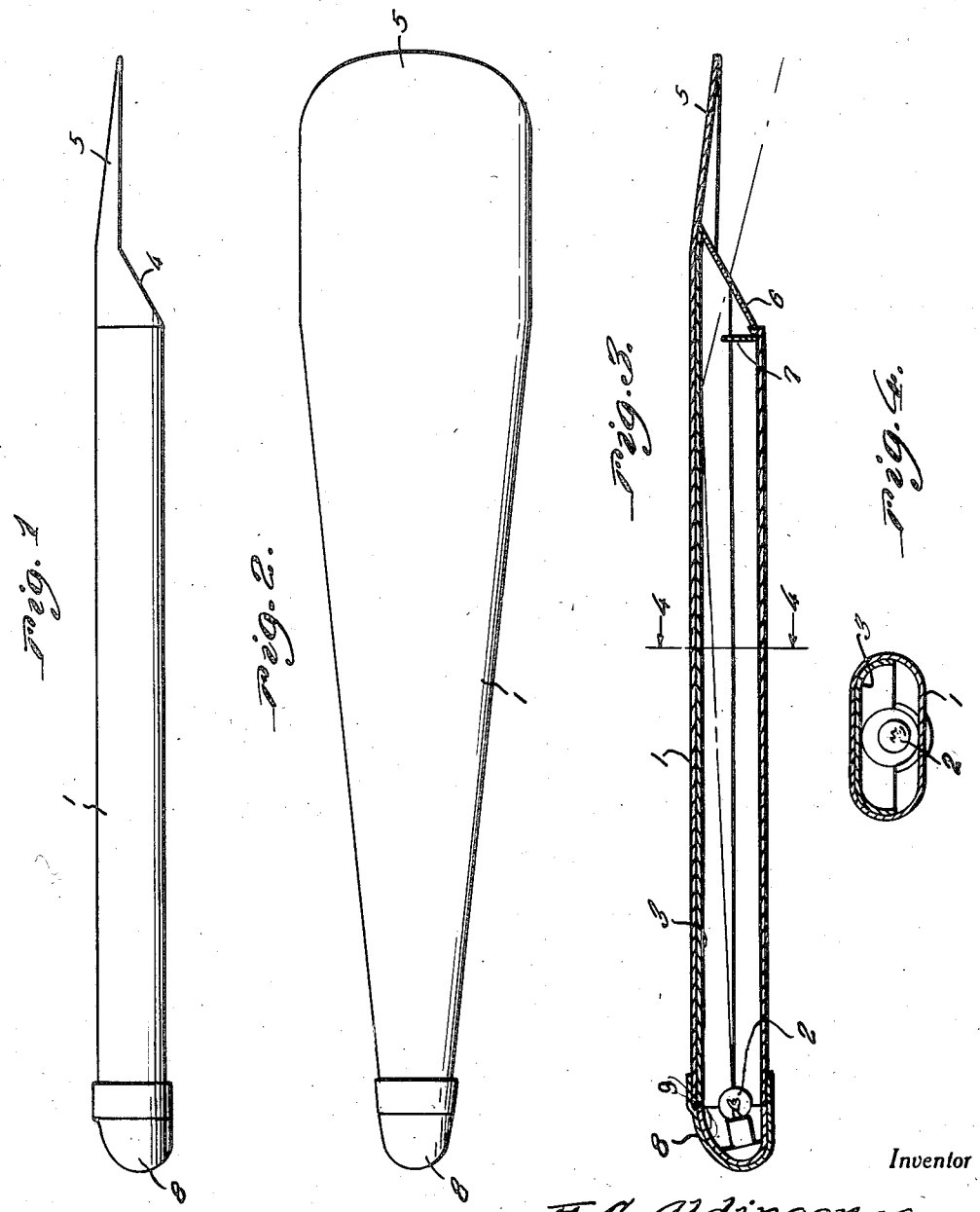
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HEADLIGHT

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HEADLIGHT

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1 Claim. (Cl. 240—41.35)

The present invention relates to new and useful improvements in headlights particularly for automobiles and has for its primary object to provide, in a manner as hereinafter set forth, a headlight which, while capable of projecting a beam of light a great distance, will not blind those who may be approaching, such as the operators of other vehicles.

Other objects of the invention are to provide a headlight of the aforementioned character which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:—

Figure 1 is a view in side elevation of a headlight constructed in accordance with the present invention.

Figure 2 is a view in top plan thereof.

Figure 3 is a view in vertical longitudinal section through the invention.

Figure 4 is a view in vertical transverse section, taken substantially on the line 4—4 of Figure 3.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises an elongated shallow casing 1 of any suitable material which, as illustrated to advantage in Figure 2 of the drawings, tapers to its rear end. While the side walls of the casing 1 are substantially rounded (see Figure 4), the top and bottom of said casing are substantially flat. Mounted on the rear end of the casing 1 is a removable closure 8 in which a reflector 9 is mounted. Mounted in the reflector 9 is an incandescent lamp 2 of high candle power. An elongated reflector 3, which is preferably in the form of a mirror, is mounted in the upper portion of the casing 1 and extends longitudinally from end to end thereof.

As illustrated to advantage in Figure 3 of the drawing, the reflector 9 and lamp 2 are so positioned that the light beam or rays from said lamp 2 will be projected upwardly against the elongated reflector 3.

The casing 1 terminates in a substantially beveled forward end 4 from which an inclined visor 5 projects. Mounted in the forward end portion of the casing 1 is an inclined lens 6. A shield 7 is mounted vertically in the forward portion of the casing 1 adjacent the inclined lens 6.

In use, light beams from the lamp 2 strike the reflector 3 and said light beams are reflected by said reflector 3 forwardly and downwardly over the shield 7, through the lens 6 and beneath the visor 5, as indicated in Figure 3 of the drawing. The inclined visor 5 and the upstanding shield 7 coact to conceal the lamp 2 from the eyes of persons approaching or meeting the headlight. Any suitable means may be provided for mounting the invention on the automobile.

It is believed that the many advantages of a headlight constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:—

A headlight of the class described comprising a substantially flat, elongated, comparatively shallow casing, said casing tapering to its rear end, a lamp mounted in the lower portion of the rear end of the casing, an inclined visor on the forward end of the casing, an inclined lens mounted in the forward end portion of the casing, a shield rising vertically from the lower portion of the casing adjacent the edge thereof and terminating in spaced relation to the top thereof, and an elongated reflector mounted in the upper portion of the casing and projecting forwardly beyond the shield.

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