

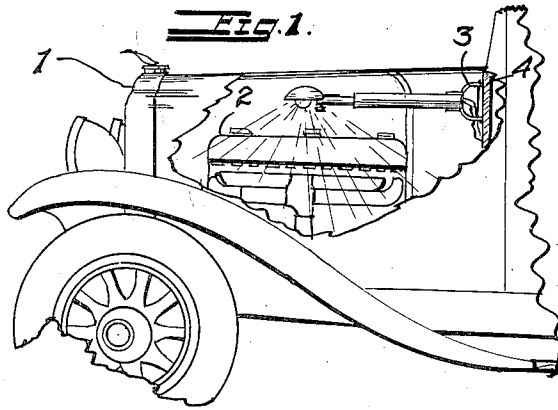
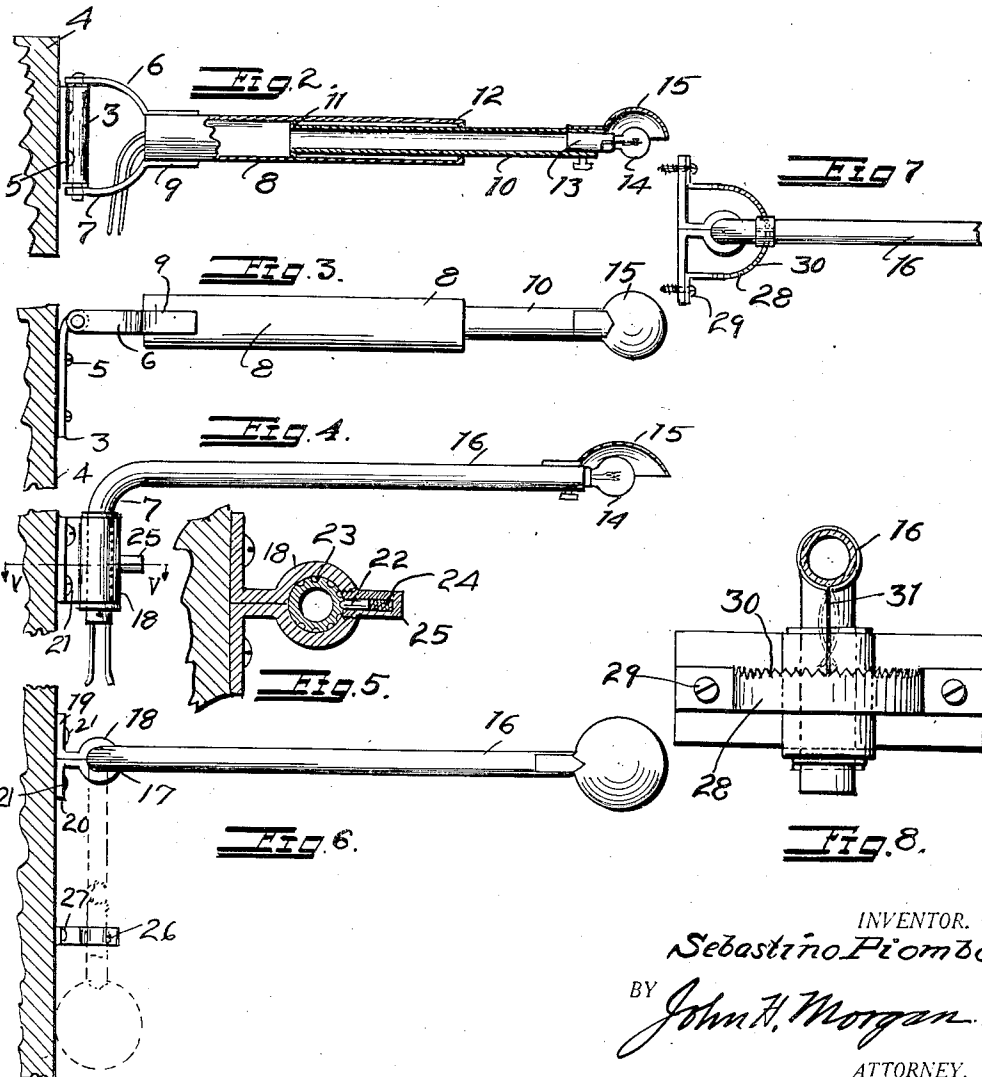
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AUTOMOBILE HOOD BRACKET LAMP

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AUTOMOBILE HOOD BRACKET LAMP

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This invention relates to improvements in automobile hood bracket lamp, and more particularly to an adjustable bracket mounted inside the hood above the engine, to illuminate all parts of the engine when repairs or adjustments are being made.

The object of the invention is to provide a bracket for holding an electric lamp bulb suspended above the engine of an automobile as a permanent fixture, to be always ready, requiring only proper adjustment and the switching on of the current.

Another object is to provide means to swing the bulb from side to side of the engine, and adjust the bulb longitudinally.

Another object is to provide a pivoted arm on which an electric bulb is mounted and means to hold the arm in any position to which it may swing, and to hold the arm securely when it is not in use.

Another object is to provide a bracket of this kind of simple construction, and one that is not expensive to manufacture.

Other objects of the invention will appear to those skilled in the art to which it appertains as the description progresses.

An embodiment of the invention is shown in the accompanying drawings in which the same reference numeral is applied to the same part throughout the several views, and of which there may be modifications.

Figure 1 is a perspective view of a portion of the front end of an automobile showing the hood broken away to show the lamp bracket applied and mounted above the engine.

Figure 2 is a side view of the device partly in section.

Figure 3 is a plan of the device.

Figure 4 is a modified form of the invention.

Figure 5 is a detail section taken on line V—V of Figure 4.

Figure 6 is a plan of the device shown in Figure 4.

Figure 7 is a plan of another modified form of bracket, the end of the arm being broken away.

Figure 8 is an enlarged view looking from the right of Figure 7.

The numeral 1 indicates the hood of an automobile, and 2 the top portion of an engine.

The bracket comprises a hinge member 3 secured to the back of the dash board 4 by screws 5.

The swinging member of the hinge has the upper strap 6 and lower strap 7, the ends of which are fixed to the pipe 8 as shown at 9.

Telescoping into this pipe is the pipe 10, in this instance having the turned out edge 11 to limit the outward movement against the turned in end 12 of pipe 8. On the end of pipe 10 is mounted the electric socket 13, and bulb 14. A reflector 15 is fixed to the pipe.

The modified form shown in Figures 4-5-6 shows a one piece arm in the form of a tube 16 bent at 17, and being pivoted in the bracket 18 which consists of a single piece of metal bent around the pipe and having flanges 19 and 20, held in place by screws 21.

To hold the arm in the different positions, a rounded end pin 22 is provided, which snaps into the drill point holes 23, by means of the spring 24 held in place by the hollow pin 25. To hold the arm at rest a spring clip 26 is fixed to the board 4 by screws 27.

The form of the invention shown in Figures 7 and 8 illustrates another means of holding the arm in any swinging position, in this case a semicircular member 28, is secured to the bracket by the screws 29. Notches 30 are formed in the upper edge thereof, and these notches are engaged by the spring 31 which is fixed to the pipe 16 and depends straight down so that it may bend either way as shown by the dotted positions to snap over the tops of the notches, the resistance of the spring holding it in any notch. It will be seen from the above description that a very practical invention, and and one most convenient and useful to drivers of motor vehicles has been evolved.

Having described my invention thus what I desire to secure by Letters Patent of the United States is as follows, but modifications may be had in carrying out the invention as shown in the drawings and particularly described form within the purview of the annexed claims.

I claim:

1. An automobile hood bracket of the class described comprising an arm, a pivot bearing for said arm, an electric light bulb on said arm, a semi-circular member having notches therein, a spring fixed to said arm having its end in engagement with said notches whereby the arm moving in either direction will snap the spring out of one notch into the next.

2. An automobile hood bracket of the class described comprising a tube bent at right angles to form a vertical portion, and a horizontal arm, having an electric lamp at its outer end, a bearing bracket to receive the vertical portion, a semi-circular member fixed to said bracket, notches in the upper edge of said member, a spring fixed to said arm having a depending flexible end adapted to engage the notches so that when the arm is moved in either direction the spring will snap from one of said notches to another.

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