Nov. 14, 1939. M. L. DAVIS 2,179,777

FINGER SIGNAL

Filed Jan. 24, 1938

Fig. 1.

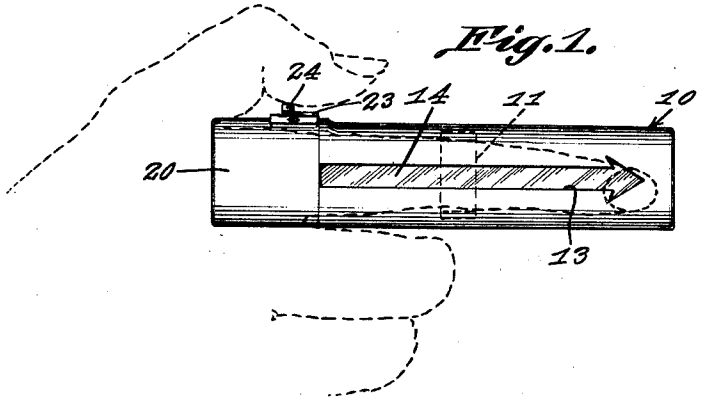


Fig. 2.

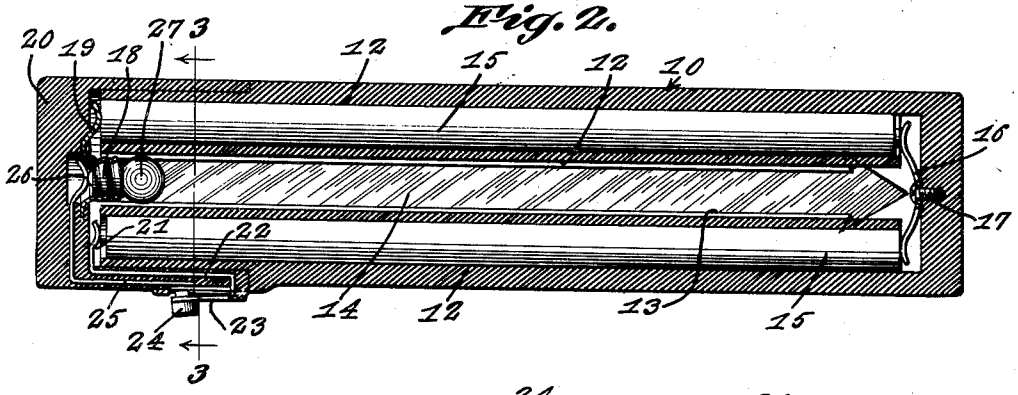


Fig. 3.

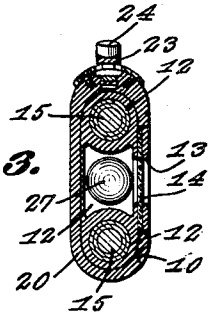
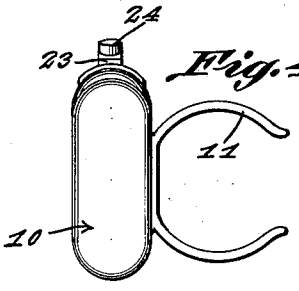


Fig. 4.



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FINGER SIGNAL

Myron L. Davis, Indianapolis, Ind.

Application January 24, 1938, Serial No. 186,711

1 Claim. (Cl. 177—329)

This invention relates to finger signals and has for an object to provide a finger signal adapted to be worn on the left forefinger of a driver and having an illuminated transparent arrow in the wall to indicate an intended turn.

A further object is to provide a finger signal of this type in which the switch will be in convenient reach of the operator's thumb when the signal is attached to the finger so that the switch may be readily closed each time a signal is to be given.

A further object is to provide a device of this character which will be formed of a few strong simple and durable parts, which will be inexpensive to manufacture and which will not easily get out of order.

With the above and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawing forming part of this specification:

Figure 1 is a side elevation of a finger signal constructed in accordance with the invention, in applied position on the left forefinger.

Figure 2 is an enlarged longitudinal sectional view of the signal.

Figure 3 is a cross sectional view of the signal taken on the line 3—3 of Figure 2.

Figure 4 is an end elevation of the signal showing the attaching clamp.

Referring now to the drawing in which like characters of reference designate similar parts in the various views, 10 designates a tube the same being provided on one side with a split ring spring clamp 11 adapted to embrace the driver's forefinger of the left hand and secure the signal to the finger. The tube is provided with three compartments 12 extending longitudinally thereof. The outer side of the central compartment is provided with an opening 13, best shown in Figure 3, having the shape of an arrow and this opening is closed by a transparent panel 14. The panel may be colored red, blue or any other color if desired.

Battery cells 15 are arranged in the side compartments all sides of these side compartments being fully closed. The batteries are connected together in series at one end by a spring conductor strap 16 which is secured to the front end wall of the central compartment by a screw 17. The opposite end of one of the battery cells is connected to the outer screw terminal of a lamp socket 18 by a resilient conductor bar 19 which is imbedded in the end wall of a cap 20 telescopically engaged upon the tube with its outer wall flush with the outer wall of the tube. The similar end of the other battery cell is connected to a resilient conductor bar 21 formed integral with a conductor bar 22 which is imbedded in the cap and has one end projecting from the cap and equipped with a spring switch contact 23 having a button 24 by means of which the contact may be closed against a switch contact 25 which is imbedded in the wall of the cap and terminates in a resilient tip 26 which engages the center contact of the bulb 27.

As best shown in Figure 1 the switch is located within convenient reach of the driver's thumb when the signal is attached to the finger so that to be easily closed to energize the lamp bulb and illuminate the transparent panel when a signal is to be given for an intended turn.

From the above description it is thought that the construction and operation of the invention will be fully understood without further explanation.

What is claimed is:

A finger signal comprising a tube provided with three parallel compartments extending longitudinally thereof, the outer side of the center compartment being provided with an opening having the shape of an arrow, battery cells arranged in the outer compartments, a spring conductor strap secured to a front end wall of the center compartment and connecting the battery cells together in series, a cap telescopically engaged upon the tube, a lamp socket carried by the cap and disposed in the central compartment back of the arrow-shaped opening, a lamp bulb in the socket, a conductor bar connected to one of the cells and to the outer contact of the lamp socket, a conductor bar connected to the center contact of the lamp socket and imbedded in the cap to be exposed through an opening formed in one side of the cap, a conductor bar imbedded in the cap and connected to the adjacent end of the other battery cell and exposed through said opening, and a push button switch carried by the cap and adapted to cross connect both the last named conductor bars for closing the circuit from the battery cells to the lamp.

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