

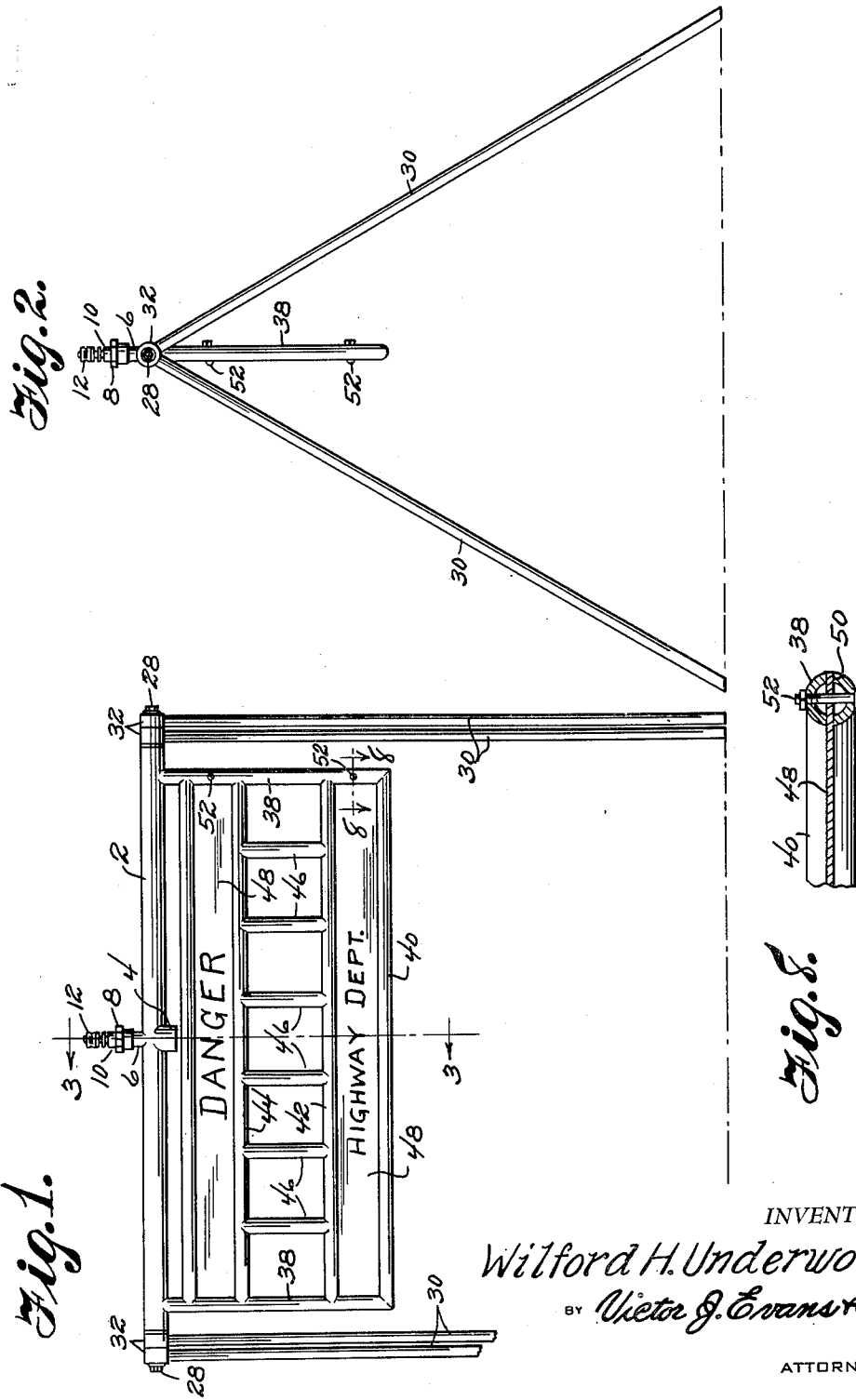
Jan. 22, 1952

W. H. UNDERWOOD  
ILLUMINATED ROAD BARRICADE

2,583,244

Filed April 21, 1948

2 SHEETS—SHEET 1



INVENTOR.

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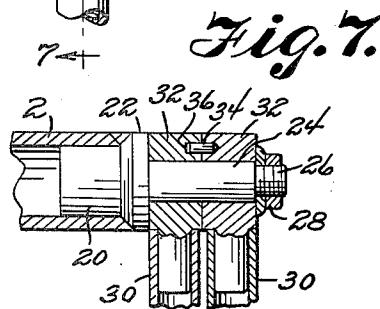
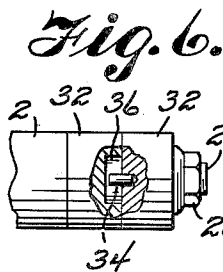
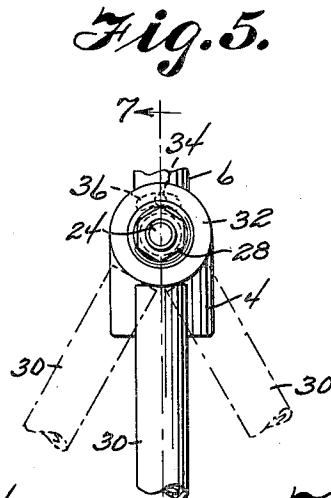
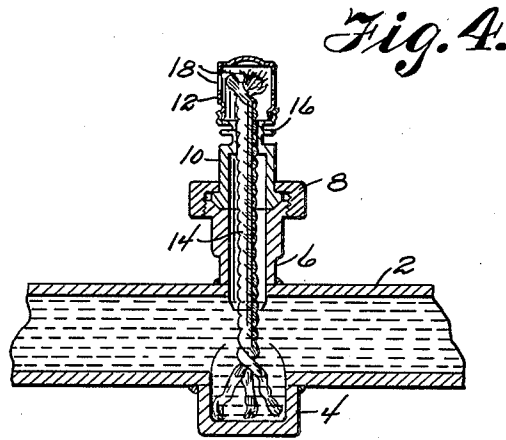
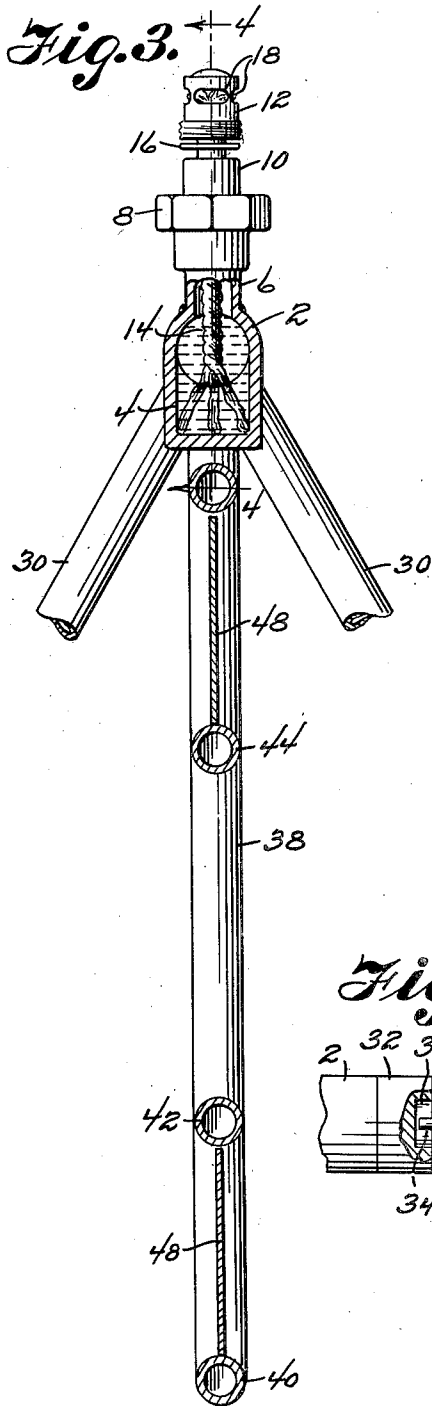
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2 SHEETS—SHEET 2



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# UNITED STATES PATENT OFFICE

2,583,244

## ILLUMINATED ROAD BARRICADE

Wilford H. Underwood, Atlanta, Ga.

Application April 21, 1948, Serial No. 22,391

3 Claims. (Cl. 40-130)

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My present invention relates to an improved illuminated road barricade of the type comprising pairs of collapsible supporting legs pivotally secured to a longitudinally extending horizontal tube sealed at the ends and adapted to confine a quantity of liquid fuel, and a wick and housing on the tube so that the saturated wick may be lit to illuminate the barricade and the road, and danger signs which may be supported from the tube.

Conventionally during road repairs or to indicate a danger spot in a roadway, workmen position a barricade usually consisting of a pair of supports and a detachable cross bar from which is hung a lantern. With the oil supply of the lanterns small and inadequate the lanterns will go out for lack of fuel, or may fail for other reasons.

I propose to confine as an integral part of the barricade both the fuel storage compartment and the torch.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention according to the best mode I have thus far devised, but it will be understood that various changes and alterations may be made in the exemplified structure within the scope of the appended claims.

In the drawings:

Fig. 1 is a front elevational view of the barricade of my invention.

Fig. 2 is an end elevational view.

Fig. 3 is a transverse, vertical sectional view at line 3-3 of Fig. 1.

Fig. 4 is a sectional view at line 4-4 of Fig. 3.

Fig. 5 is an enlarged detail view of the means connecting the legs to the tube.

Fig. 6 is an enlarged top plan view of the same partially broken away to show the means limiting the relative movement of the legs.

Fig. 7 is a sectional view at line 7-7 of Fig. 5.

Fig. 8 is a sectional view at line 8-8 of Fig. 1.

Referring now to the drawings I have illustrated the present preferred embodiment of my invention as including the horizontal tube 2 having an intermediate well 4 and a nipple 6 above the well to receive collar 8 securing the base 10 of housing 12 in which is secured the wick 14. A pin 16 is provided between the base and the housing, and obviously with fuel in the tube and the well, it will flow by capillary attraction up through the wick and by means of ports 18 in the housing, air will be admitted to support the combustion of the fuel and also allow the light rays to pass out of the housing. The pin 16 projects through the wick in order to prevent the wick

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from accidentally moving too far down in the nipple 6.

Each end of the tube is closed by the stopper 20 having a collar 22 and an extension or pin 24 threaded at 26 and the nut 28 secures on the extension the tubular legs 30 provided with collar bearings 32. One collar has a pin 34 extending therefrom and into the slot 36 of the other collar, to limit the relative movement of the legs.

I also provide a frame consisting of legs 38 secured to and depending from the tube 2 and connected by bar 40. Intermediate bars 42 and 44 are spaced by vertical bars 46 and panels 48 are secured in the frame to carry suitable indicia. These panels are removable through slots 50 in one leg 38 and the bolts 52 will retain the panels in position.

Obviously the barricade of my invention being entirely of metal will prove lasting and containing a large quantity of fuel will provide illumination over a long period of time and will adequately warn persons using the roadway of danger.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:

1. A road barricade comprising a horizontally positioned tube adapted to contain fuel, an intermediate well for the tube, a housing and wick on the tube and in fuel transferring contact therewith, end closures for the tube, extensions on the closures, and pairs of pivotally secured supporting legs on the extensions.

2. A road barricade comprising a horizontally positioned tube adapted to contain fuel, a housing and wick on the tube and in fuel transferring contact therewith, end closures for the tube, extensions on the closures, and pairs of pivotally secured supporting legs on the extensions and means limiting the relative movement between pairs of legs.

3. In an illuminated road barricade, a horizontally disposed hollow tube for containing liquid fuel therein, a well arranged intermediate the ends of said tube and depending from the bottom thereof, a nipple projecting upwardly from said tube and arranged in communication with the latter, a wick extending through said nipple and into said well, a housing arranged over the upper end of said wick and provided with a plurality of spaced ports, a stopper closing each end of said tube, a pin projecting from each of said stoppers, a pair of collars rotatably mounted on each of said pins, means for limiting relative movement of said collars, a leg secured to each of said collars for engagement with the ground, a

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frame dependently carried by said tube and adapted to support a plurality of indicia-bearing panels.

WILFORD H. UNDERWOOD.

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