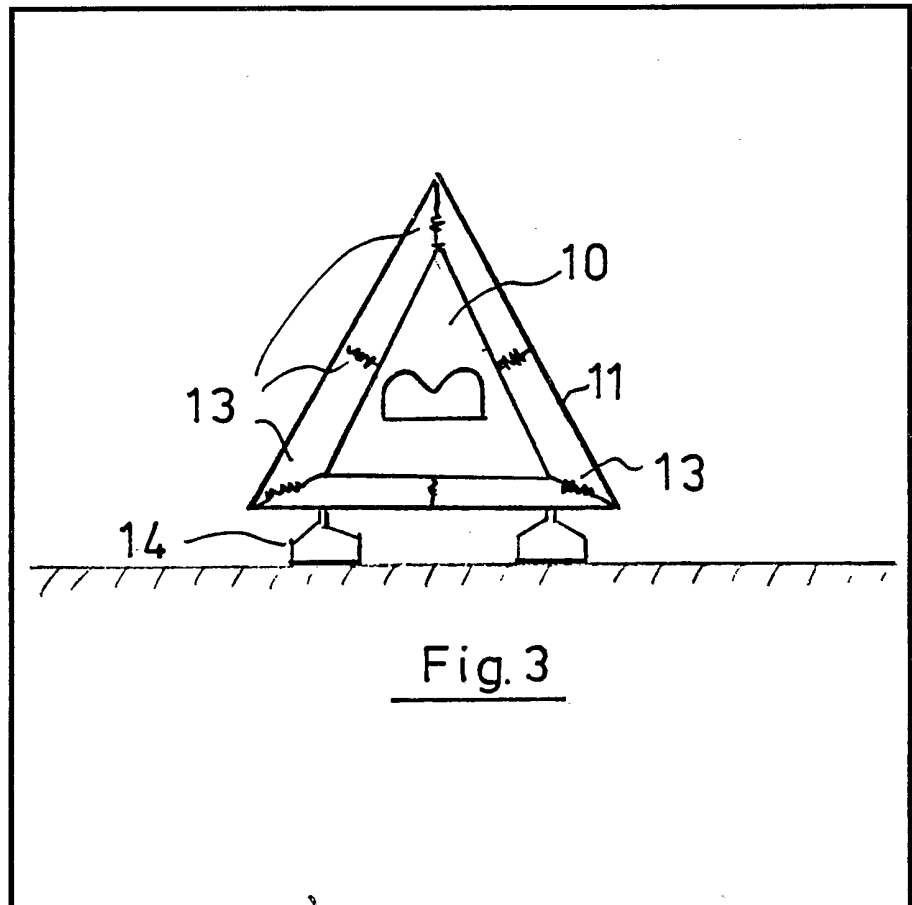


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(54) Road signs

(57) A road sign 10 is resiliently mounted in a supporting frame 11 by springs 13 so that the effect of wind and turbulence on the sign is reduced. In modifications spring-retained sign plates are mounted for pivotal movement in the wind.

The specification also discloses a fixed triangular sign plate which is perforated to reduce wind effect.



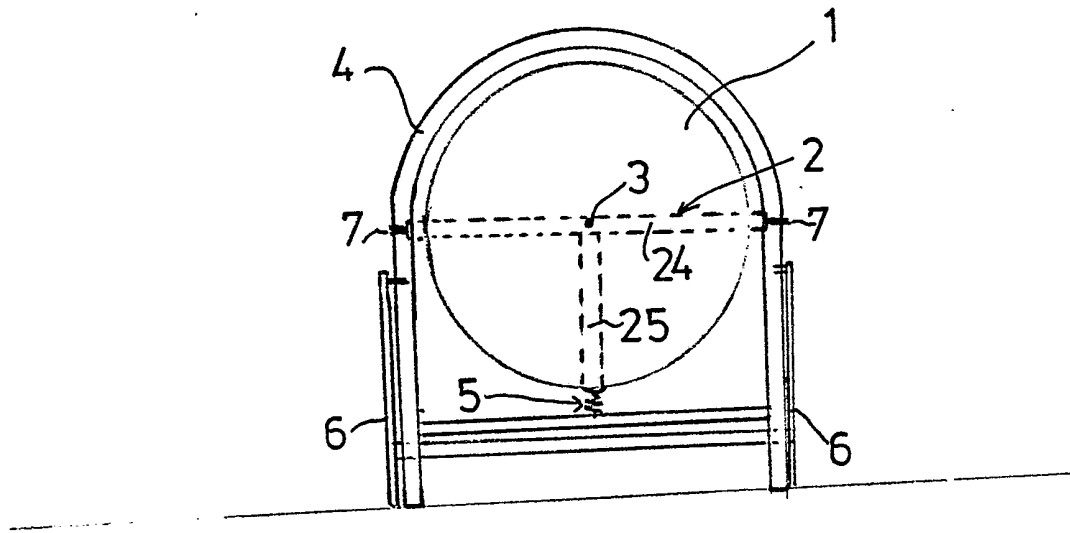


Fig 1

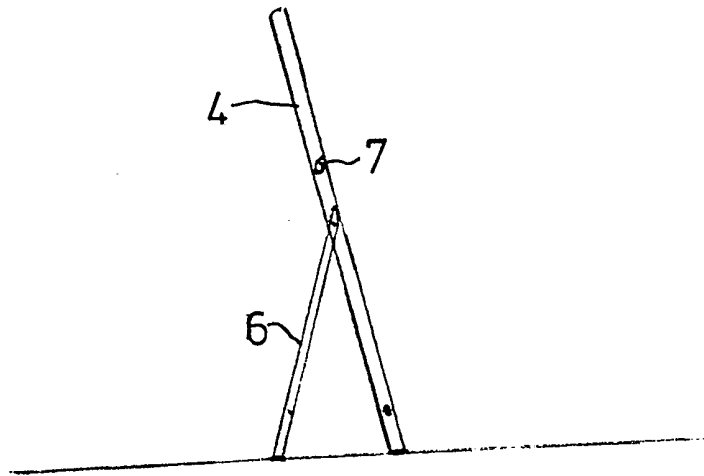


Fig. 2

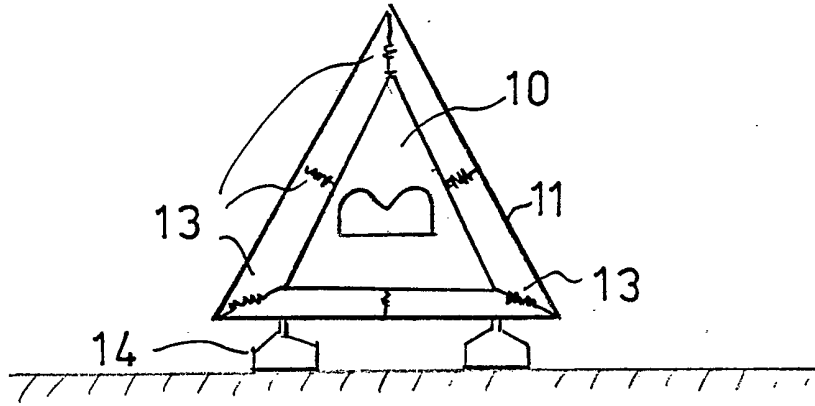


Fig. 3

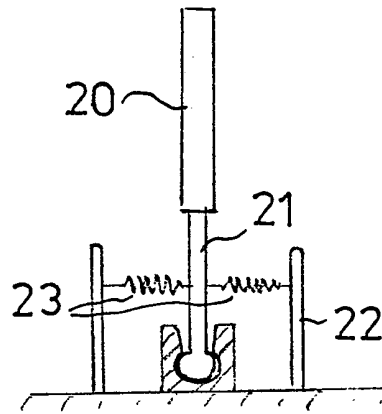


Fig. 4

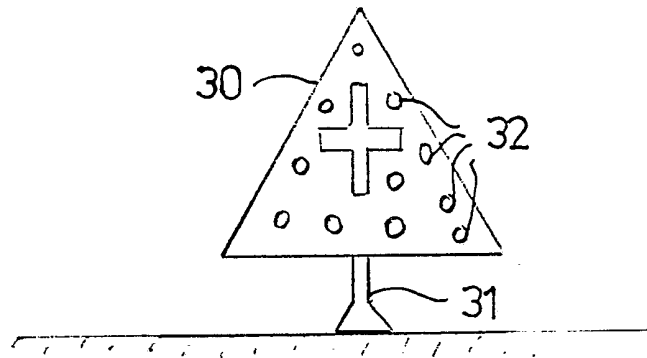


Fig. 5

## SPECIFICATION

## Road signs

5 This invention relates to road signs.

It is a disadvantage with known road signs, both informatory road signs and warning road signs, that they are rigidly mounted and are thus susceptible to damage by wind and turbulence caused by passing traffic.

10 It is an object of the present invention to obviate or mitigate this disadvantage.

According to one aspect of the present invention there is provided a road sign  
15 wherein the sign is resiliently mounted in its frame.

According to another aspect of the present invention there is provided a road sign having a perforate frontal area whereby its resistance  
20 to wind is reduced.

Embodiments of the present invention will now be described, by way of example, with reference to the accompanying drawings, in which:—

25 *Figure 1* is a front elevational view of one embodiment of a road sign made in accordance with one aspect of the present invention;

*Figure 2* is a side elevational view of the  
30 road sign of Fig. 1;

*Figure 3* is a front elevational view of a second embodiment of a road sign made in accordance with one aspect of the present invention;

35 *Figure 4* is a side elevational view of a third embodiment of a road sign made in accordance with said one aspect of the present invention; and

*Figure 5* is a front elevational view of an  
40 embodiment of a road sign made in accordance with a second aspect of the present invention.

Referring to Figs. 1 and 2, a road sign 1 which may carry either information or display  
45 a warning of a road hazard is rotatably mounted on a T-support bracket 2 by means of a pin 3. The bracket 2 has a cross piece 24 and a leg 25, the cross piece 24 being pivotally mounted on pivot pins 7 in a support  
50 frame 4. Thus the sign 1 may pivot about the horizontal axis of the cross piece 24. This pivoting is limited by virtue of the leg 25 being connected to a cross strut 40 of the support frame 4 by a coil spring 5.

55 The support frame 4 is conveniently in the form of an inverted U and is provided with pivoting support legs 6.

In Fig. 3 a road sign 10 is mounted on a support frame 11 by means of a number of  
60 coil springs 13. The frame 11 is provided with support feet 14.

In Fig. 4, a road sign 20 is carried on supports 21 pivotally mounted at 22 to allow  
65 the road sign to move in the direction of the arrows. To absorb and limit this movement,

the supports 21 are connected to rigid member 22 by means of springs 23.

In the embodiment of Fig. 5, the road sign 30 is rigidly mounted in a support frame 31  
70 and is provided with aperture 32 to reduce its resistance to wind or turbulence.

In use, the road signs of this invention may be positioned where desired and the effect of wind and turbulence caused by passing traffic  
75 is reduced.

Modifications and improvements may be made without departing from the scope of the invention.

## 80 CLAIMS

1. A road sign wherein the sign is resiliently mounted in its frame.

2. A road sign comprising a frame, a sign-carrying plate pivotally mounted in said frame,  
85 the extent of pivoting of the plate being limited by means of a spring.

3. A road sign having a perforate frontal area whereby its resistance to wind is reduced.

90 4. A road sign substantially as hereinbefore described with reference to Fig. 1 of the accompanying drawings.

5. A road sign substantially as hereinbefore described with reference to Fig. 2 of the  
95 accompanying drawings.

6. A road sign substantially as hereinbefore described with reference to Fig. 3 of the accompanying drawings.

100 7. A road sign substantially as hereinbefore described with reference to Fig. 4 of the accompanying drawings.

8. A road sign substantially as hereinbefore described with reference to Fig. 5 of the accompanying drawings.