

(21) Application No 8106929

(22) Date of filing
5 Mar 1981

(43) Application published
15 Sep 1982

(51) INT CL³ B60J 3/02

(52) Domestic classification
B7J 63

(56) Documents cited

GB 0882499
GB 0726762
GB 0590673
GB 0466956
GB A 2055720

(58) Field of search
B7J

(71) Applicant
Hawtal Whiting Design
and Engineering Co
Limited
Pembroke House
11 Northlands
Pavement
Pitsea
Essex

(72) Inventor

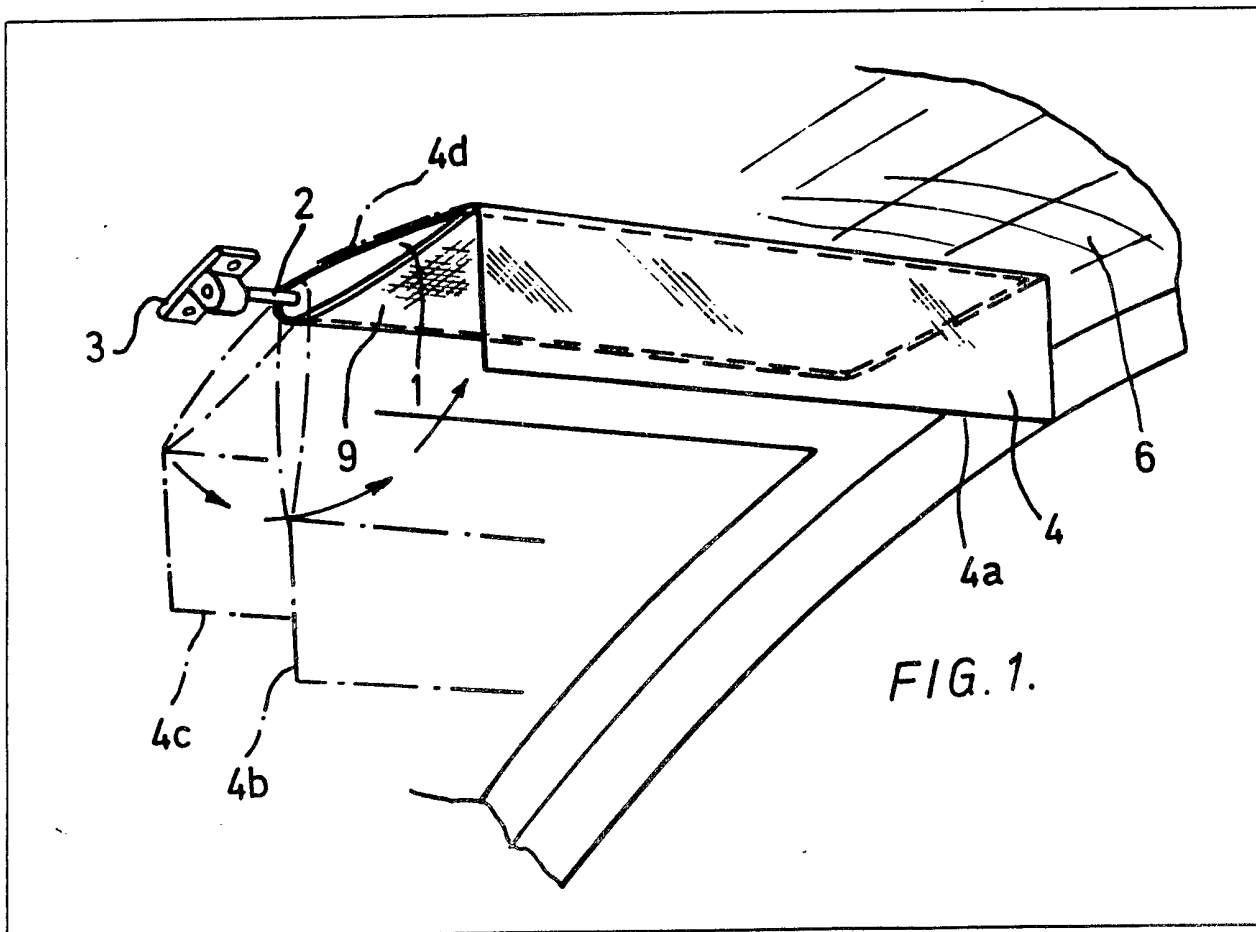
Walter Albert Ancliff

(74) Agents

Marks and Clerk
57-60 Lincoln's Inn Fields
London WC2AS 3LS

(54) Motor vehicle sun visor

(57) A motor vehicle sun visor comprises a main screening panel (1) which is pivotally attachable (2, 3) adjacent the vehicle windscreen for movement between inoperative and sun-screening positions. Foldably attached to this panel (1) remote from its pivotal attachment is an auxiliary screening panel (4) which is movable to and from an inoperative position substantially parallel with the main screening panel and an operative position wherein it depends from the main screening panel.



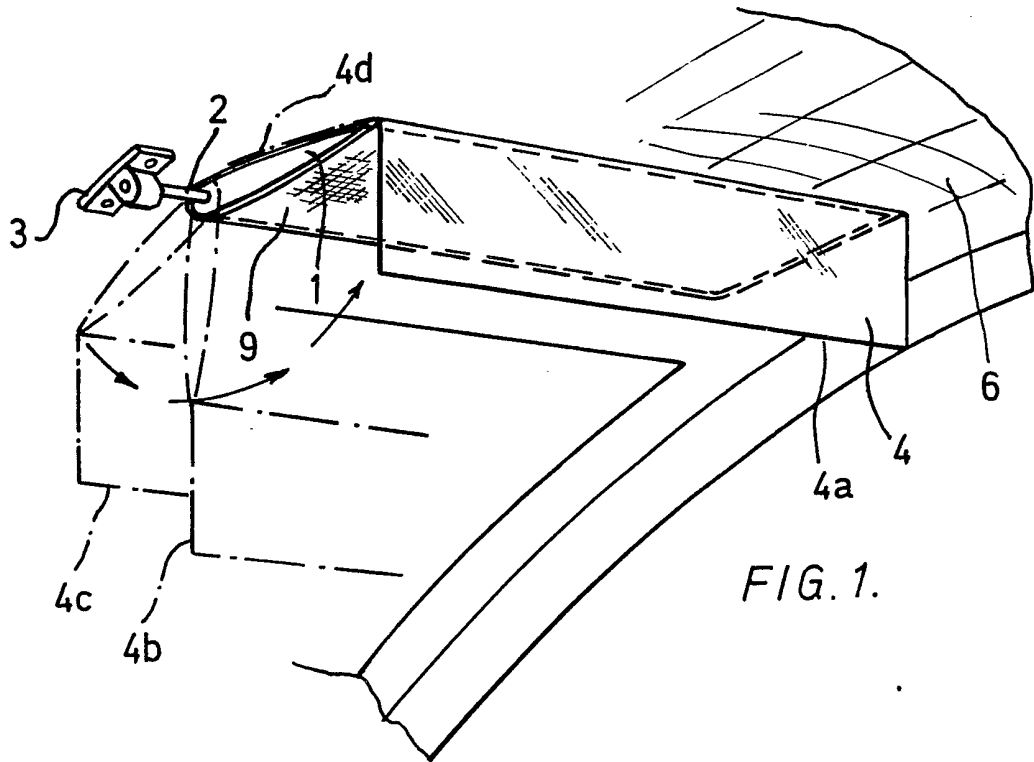


FIG. 1.

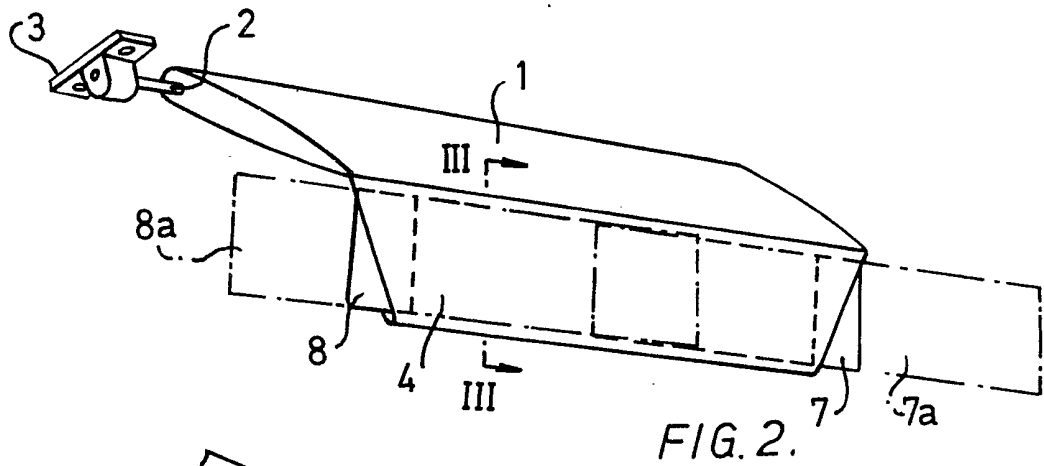


FIG. 2.

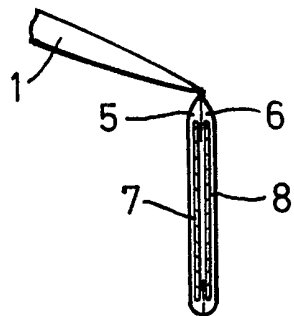


FIG. 3.

SPECIFICATION

Motor vehicle sun visor

5 This invention relates to sun visors for motor vehicles and has been devised with the object of providing a sun visor which can more effectively prevent dazzling of a motorist's eyes when the sun is at low altitudes such as
 10 immediately after dawn and immediately before sunset when many accidents occur. The invention has been devised more particularly but not exclusively for the benefit of drivers of short stature whose line of vision is relatively
 15 low relative to the top of a motor vehicle windscreen and for whom a conventional sun visor provides inadequate screening of the sun when it's altitude is low.

20 There is thus proposed in accordance with the invention a motor vehicle sun visor comprising a main screening panel pivotally attachable adjacent the vehicle windscreen for movement between inoperative and sun-screening positions and to which there is foldably
 25 attached remote from its own pivotal attachment an auxiliary screening panel which is movable to and from an inoperative position substantially parallel with the main screening panel and an operative position wherein it
 30 depends from the main screening panel.

Optionally the auxiliary screening panel may be wider than the main screening panel or may be adapted to accommodate a lateral extension panel or panels. The main screening
 35 panel, the auxiliary screening panel and/or any extensions thereof may be made of transparent tinted material if desired.

40 Two embodiments of the invention are illustrated in the accompanying drawing in which: *Figure 1* is a perspective view of a first embodiment as intended to be fitted near a vehicle windscreen;

Figure 2 is a view, similar to Fig. 1, of a second embodiment; and

45 *Figure 3* is a section through the second embodiment on line III-III of Fig. 2.

Referring now to Fig. 1 of the drawings the sun visor comprises a main panel 1 made of internally padded soft material which is supported by a lateral horizontal rod 2 from a
 50 bracket 3. The bracket 3 is secured in known manner by means of screws to the vehicle roof 6 adjacent the vehicle windscreen and permits frictional pivotal movement of the rod
 55 2 so that the visor can be moved between and be self-retaining in either a retracted position parallel with and adjacent the vehicle roof, as indicated by continuous lines, or various depending positions of which two are
 60 depicted in dashed lines.

To the free longitudinal edge of the panel 1 there is foldably attached an auxiliary screening panel 4 also made of soft material. This panel 4 is effective in any of the various
 65 illustrated depending positions 4a, 4b and 4c

to shield a driver's eyes from low altitude sun and is foldable into a stowed position 4d against the main panel 1 when not required for use. Clips or other suitable means (not
 70 shown) may be provided for holding the panel 4 against the panel 1 when the latter only is to be used in a depending position. The auxiliary panel 4 is shown as foldably attached to a sleeve 9 made of cloth which fits
 75 around the main panel 1. The cloth may be elasticated.

The embodiment of visor shown in Figs. 2 and 3 is essentially similar to the one which has been described above except that provision is made for increasing the lateral extent of the auxiliary screening panel 4. To this end the panel 4 is provided with two separate
 80 cloth pockets 5, 6 in which semi-rigid panels 7, 8 are slidably received. These panels 7, 8 are rectangular and in their fully retracted positions extend beyond cut-away end edges of the panel 4. This enables one or other of the panels 7, 8 to be drawn out into projecting positions indicated by the dashed lines
 85 7a, 8a in order to provide additional shading from the sun when required for instance when traversing a winding road.

CLAIMS

95 1. A motor vehicle sun visor comprising a main screening panel pivotally attachable adjacent the vehicle windscreen for movement between inoperative and sun-screening positions and to which there is foldably attached,
 100 remote from its own pivotal attachment, an auxiliary screening panel which is movable to and from an inoperative position substantially parallel with the main screening panel and an operative position wherein it depends from the
 105 main screening panel.

2. A motor vehicle sun visor in accordance with Claim 1 and further comprising means for increasing the lateral extent of the auxiliary screening panel.

110 3. A motor vehicle sun visor in accordance with Claim 2 wherein the lateral extent increasing means is at least one panel which is slidably inwardly or outwardly from the main screening panel.

115 4. A motor vehicle sun visor in accordance with Claim 3 in which said at least one panel is slidable in a pocket formed in the main screening panel.

120 5. A motor vehicle sun visor substantially as hereinbefore described with reference to Fig. 1 or Figs. 3 and 3 of the accompanying drawings.