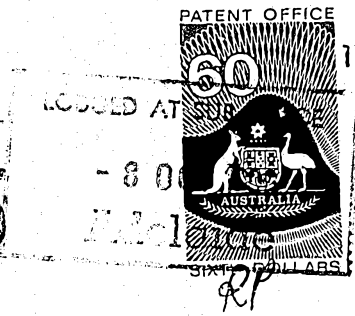


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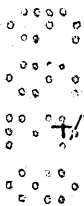
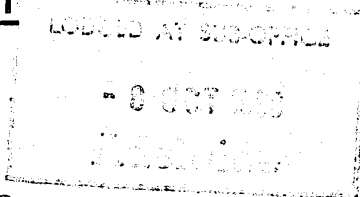
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 MAIL OFFICE

COMMONWEALTH OF AUSTRALIA  
 PATENTS ACT 1952-1966

APPLICATION FOR A PATENT



We FREDERICK HARPER and COLIN WALTER TAYLOR

of 16 Torquay Road, Sturt, and 1 Kegworth Street, Edwardstown, respectively, both in the State of South Australia, Commonwealth of Australia.

hereby apply for the grant of a Patent for an invention entitled

"IMPROVEMENTS IN AND RELATING TO VEHICLE SUN VISORS"

which is described in the accompanying provisional/~~complete~~ specification.

Our address for service is care of R. K. MADDERN & ASSOCIATES, Patent Attorneys, 97 King William Street, Adelaide, South Australia.  
 345

Dated this 8th day of October, 1986

FREDERICK HARPER and COLIN WALTER TAYLOR

By Their Patent Attorneys  
R.K. MADDERN & ASSOCIATES

*R.K. Maddern*  
R.K. MADDERN

TO:  
 THE COMMISSIONER OF PATENTS,  
 CANBERRA, A.C.T.

APPLICATION ACCEPTED AND AMENDMENTS

ALLOWED 30-8-90

AUSTRALIA

FORM 6

(Note: To be signed by the applicant(s), or if a Company, to be signed by a person on its behalf. Parts inappropriate to a particular application should be cancelled).

COMMONWEALTH OF AUSTRALIA
Patents Act 1952-1969

DECLARATION IN SUPPORT OF AN APPLICATION FOR A PATENT OR PATENT OF ADDITION

INSTRUCTIONS

Insert if available.

Full name(s) of applicant(s).

In support of the Application made by

FREDERICK HARPER and COLIN WALTER TAYLOR

Title of invention.

for a patent/patent-of-addition-for-an-invention entitled

"IMPROVEMENTS IN AND RELATING TO VEHICLE SUN VISORS"

Full name(s) of declarant(s).

I/We Frederick Harper and Colin Walter Taylor

Address(es) of declarant(s).

of 16 Torquay Road, Sturt, and 1 Kegworth Street, Edwardstown, respectively, both in the State of South Australia, Commonwealth of Australia.

do solemnly and sincerely declare as follows:-

1. I am/We are the applicant(s) for the patent/patent-of-addition (or, in the case of an application by a body corporate)

~~1. I am/We are authorized by the abovementioned applicant(s) for the patent/patent-of-addition to make this declaration on its/their behalf.~~

2. I am/We are the actual inventor(s) of the invention (or, where a person other than the inventor is the applicant)

Full name(s) of actual inventor(s).

2. Colin Walter Taylor

Address(es) of actual inventor(s).

of 1 Kegworth Street, Edwardstown, State of South Australia, Commonwealth of Australia.

Recite manner in which applicant(s) derive(s) title from actual inventor(s).

is/are the actual inventor(s) of the invention and the facts upon which the applicant(s) is/are entitled to make the application are as follows:-

The said Colin Walter Taylor has assigned a part interest in the invention to the said Frederick Harper.

Declared at STURT this 2nd day of November 1987

Signature(s) of declarant(s).

(Note: No attestation or other signature is required).

Handwritten signatures of M. Taylor and F. Harper

copy only

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(12) PATENT ABRIDGMENT (11) Document No. AU-B-79487/87  
(19) AUSTRALIAN PATENT OFFICE (10) Acceptance No. 603143

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(54) Title  
VEHICLE SUNVISOR

International Patent Classification(s)  
(51)<sup>4</sup> B60J 003/02

(21) Application No. : 79487/87 (22) Application Date : 08.10.86

(23) Filing Date of Complete Specification : 08.10.87

(43) Publication Date : 14.04.88

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(60) Related to Provisional(s) : PH8399

(71) Applicant(s)  
FREDERICK HARPER; COLIN WALTER TAYLOR

(72) Inventor(s)  
COLIN WALTER TAYLOR

(74) Attorney or Agent  
R K MADDERN & ASSOCIATES, 345 King Willlam Street, ADELAIDE SA 5000

(56) Prior Art Documents  
AU 32249/84 B60J 3/00  
AU 59731/80 B60J 3/02 3/06  
AU 57413/80 B60J 3/02

(57) Claim

1. Improvements in a vehicle sun visor of the type which comprises a pair of spaced parallel panels with a cavity therebetween,

comprising an extension plate partly contained within the cavity but having one end, projecting therefrom, and a spring member on the plate which bears against an inner surface of one of said panels, such that there is frictional sliding engagement between said extension plate and said inner surface.

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Form 10

COMMONWEALTH OF AUSTRALIA

PATENTS ACT 1952-62

# COMPLETE SPECIFICATION

(ORIGINAL)

FOR OFFICE USE:

Application Number:  
Lodged:

Class

Int. Class

Complete Specification Lodged:  
Accepted:  
Published:

Priority:

Related Art:

This document contains the amendments made under Section 49 and is correct for printing.

TO BE COMPLETED BY APPLICANT

Name of Applicant:

FREDERICK HARPER and COLIN WALTER TAYLOR

Address of Applicant:

16 Torquay Road, Sturt, and 1 Kegworth Street, Edwardstown, respectively, both in the State of South Australia, Commonwealth of Australia

Actual Inventor:

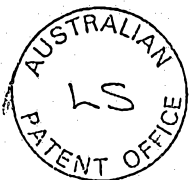
COLIN WALTER TAYLOR

Address for Service:

Care of R K MADDERN & ASSOCIATES, 345 King William Street, Adelaide, State of South Australia, Commonwealth of Australia

Complete Specification for the invention entitled:

"IMPROVEMENTS IN AND RELATING TO VEHICLE SUN VISORS"



The following statement is a full description of this invention, including the best method of performing it known to me. us

This invention relates to improvements in vehicle sun visors of the type wherein a sun visor comprises a pair of spaced panels with a cavity therebetween, and is hinged with respect to a vehicle roof so that it can be positioned in front of, or to one side, of, a driver or passenger of a motor vehicle.

5.

It is very well recognised that sun visors are particularly effective in some aspects in the vehicle but quite ineffective if the sun happens to be located at the position towards one end of a visor, and the main object of this invention is to provide improvements whereby the visor can, in effect, be extended beyond the length to which it is necessarily limited when transverse to normal vision.

10.

15.

In an embodiment of this invention, the cavity of a visor contains a withdrawable extension plate of translucent or opaque material, the extension plate having friction means thereon which bears against the spaced panels of the visor, thereby retaining the extension plate in the position at which it is set.

20.

An embodiment of the invention is described hereunder in some detail with reference to and is illustrated in the accompanying drawings in which:

25.

- Fig. 1 is a side elevation of a sun visor;
- Fig. 2 is an end elevation of same;
- Fig. 3 is a front elevation of extension arm;

and

Fig. 4 is a plan of Fig. 3.

In this embodiment, a sun visor 10 comprises a pair of panels 11 which are spaced from one another to define therebetween a cavity 12, and the cavity 12 is provided with an insertable visor extension plate 13.

30.

The extension plate 13 is formed from a polymeric material having translucent characteristics, for example, "smoked perspex" ("perspex" being a registered Trade Mark), and thereby does not completely

5. obstruct the view when withdrawn from the visor 10. The visor 10 comprises one or a pair of outwardly extending spring member 14, and an end finger grip portion 15 by which the visor can be withdrawn or reinserted, the finger grip portion 15 being a thicker portion of the
10. plate 13. The spring 14 is a flexible leaf spring and bears against an inner surface of a spaced panel 11, so that a firm frictional engagement always exists, such as is likely to prevent inadvertent movement of the visor or extension 13 with respect to the visor 10.

15. The invention has been described with respect to a slidable extension. However, clearly, the extension may be made to pivot with respect to the visor in lieu of sliding. The extension also can be arranged to extend from the other end instead of the end which is shown,
20. if that is required. If the extension is made curved in shape, it can be made to curve around within the cab space of the vehicle adjacent the front body pillar.

25. The invention will be seen to be particularly simple, but is nevertheless of considerable value when used on a vehicle which may be subject to dazzling of a driver by the sun's rays entering a space in the window or windscreen of the cab which is otherwise not capable of being obscured by the sun visor.

The claims defining the invention are as follows:-

1. Improvements in a vehicle sun visor of the type which comprises a pair of spaced parallel panels with a cavity therebetween,

5 comprising an extension plate partly contained within the cavity but having one end, projecting therefrom, and a spring member on the plate which bears against an inner surface of one of said panels, such that there is frictional sliding engagement between said extension plate and said inner surface.

2. Improvements according to claim 1 wherein said projecting end comprises a finger grip portion.

3. Improvements according to claim 1 or claim 2 wherein said spring member is secured to an inner end of the extension plate.

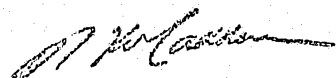
4. Improvements according to any preceding claim wherein said finger grip portion is thicker than the remainder of the extension plate.

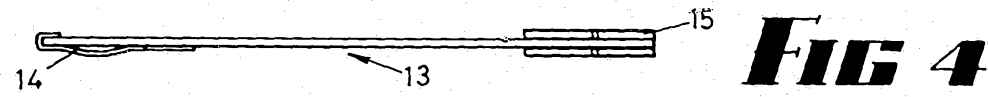
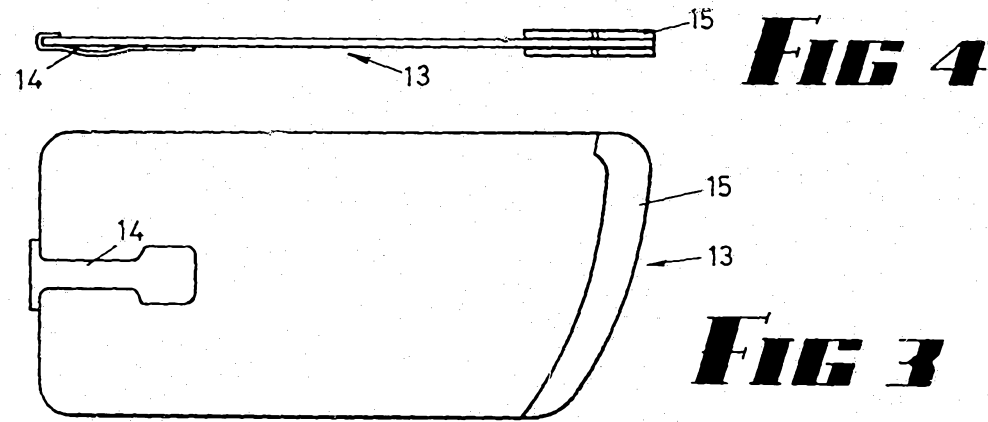
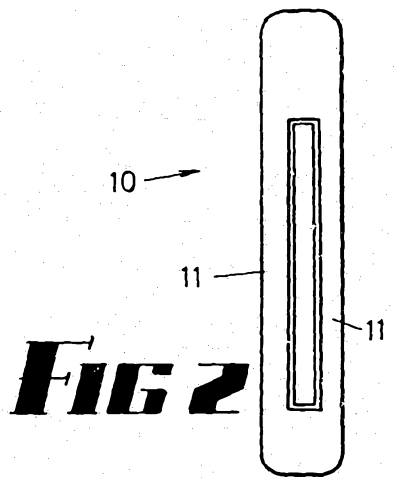
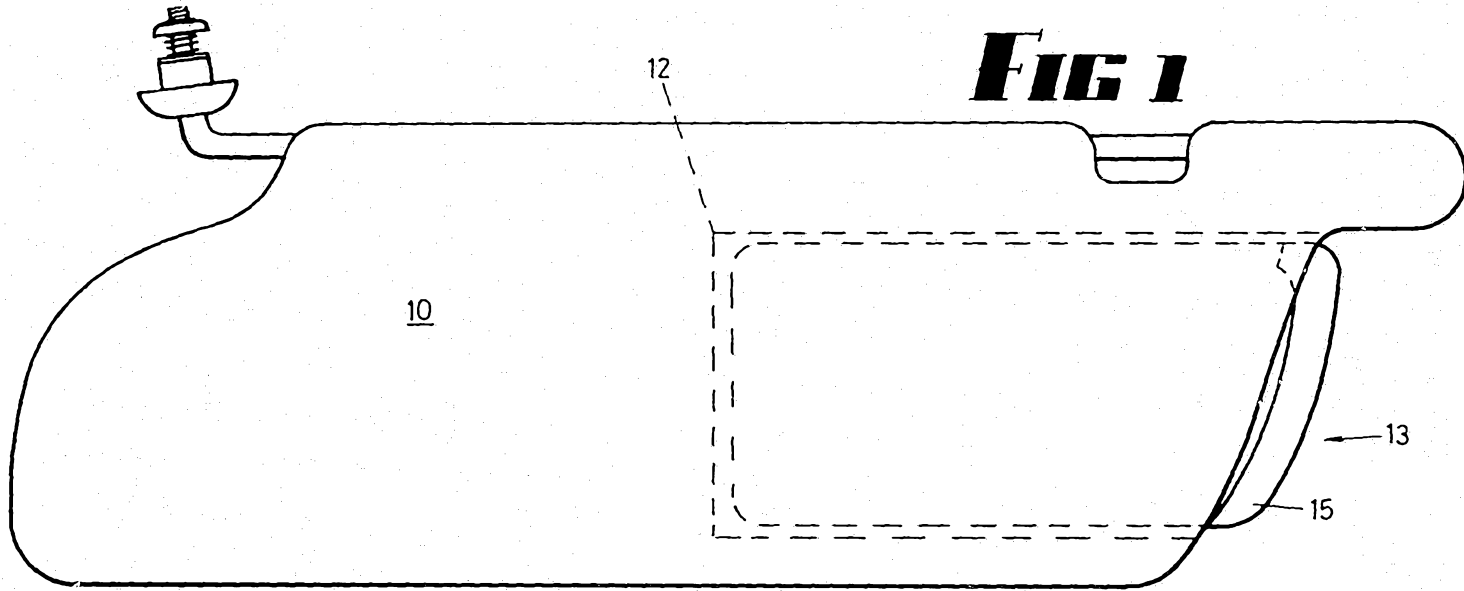
5. Improvements in a vehicle sun visor substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings.

Dated this 28th day of August, 1990.

FREDERICK HARPER and  
COLIN WALTER TAYLOR

By their Patent Attorneys  
R K MADDERN & ASSOCIATES





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