

(No Model.)

2 Sheets—Sheet 1.

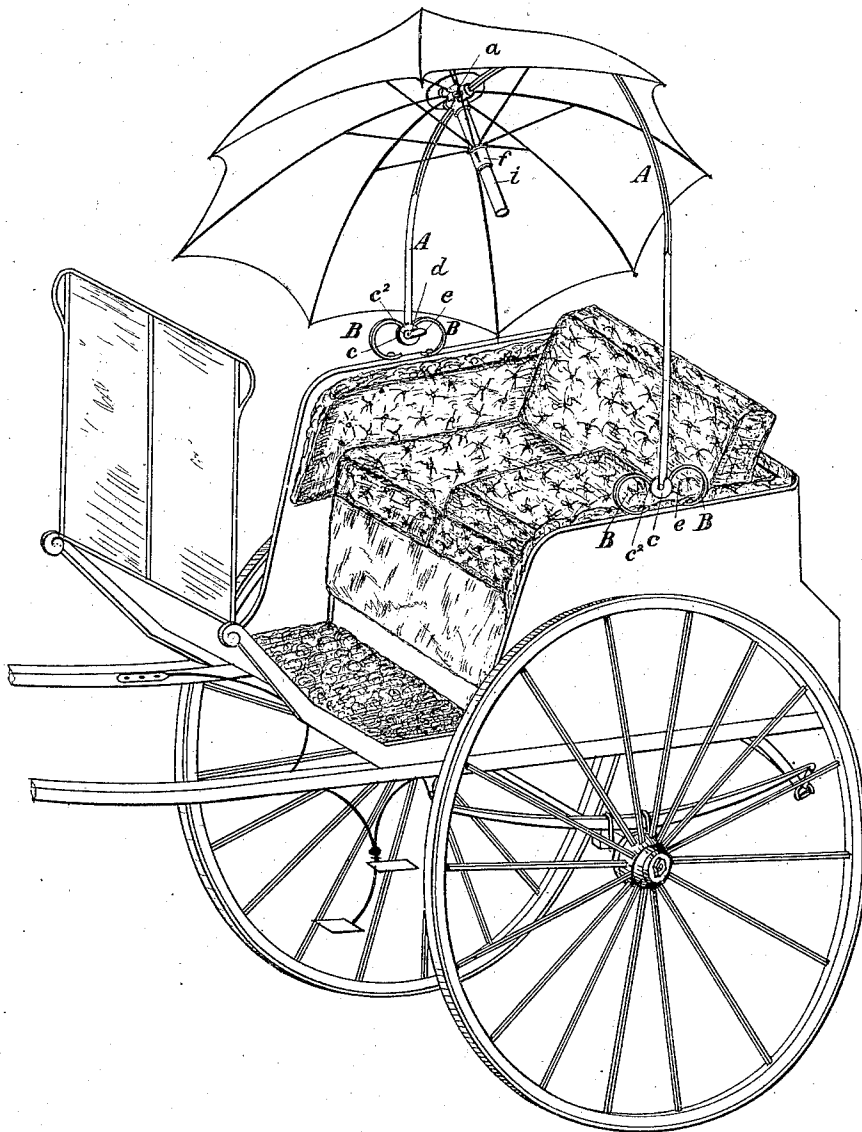
C. H. BUTLIN.

UMBRELLA COVERING FOR VEHICLES.

No. 311,809.

Patented Feb. 3, 1885.

FIG. 1.



Witnesses:

E. A. Rick

Walter Blandford

Inventor:

Charles H. Butlin

by Marshall Dailly,
his Attorney

(No Model.)

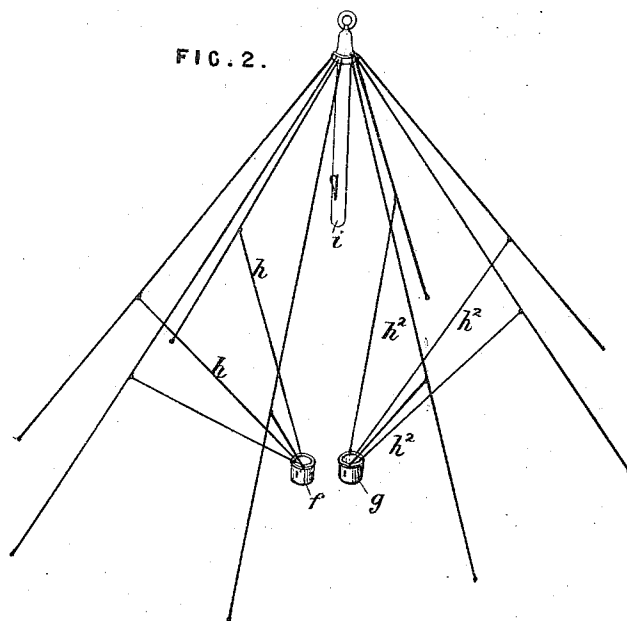
C. H. BUTLIN.

2 Sheets—Sheet 2.

UMBRELLA COVERING FOR VEHICLES.

No. 311,809.

Patented Feb. 3, 1885.



Witnesses:

A. T. Dick

Walter Blandford

Inventor

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By Marshall Bailey
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UNITED STATES PATENT OFFICE.

CHARLES HENRY BUTLIN, OF CAMBORNE, COUNTY OF CORNWALL,
ENGLAND.

UMBRELLA-COVERING FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 311,809, dated February 3, 1885.

Application filed November 3, 1884. (No model.) Patented in England September 22, 1884, No. 12,679.

To all whom it may concern:

Be it known that I, CHARLES HENRY BUTLIN, surgeon, a subject of the Queen of Great Britain and Ireland, and residing at Camborne, in the county of Cornwall, England, have invented certain Improvements in Umbrellas, Coverings, or Attachments for Carriages or other Vehicles for Protecting the Occupants thereof, (for which I have applied for a patent in Great Britain, No. 12,679, dated September 22, 1884,) of which the following is a specification.

This invention has reference to apparatus or appliances for protecting occupants of carriages, consisting of an arched support extending from side to side of the vehicle, and holding an umbrella-support adjustable thereon, and has for its object to provide improved means for attaching the umbrella-support to the vehicle, and for enabling the umbrella or covering to be brought down closely to the said support for the better protection of the occupants of the vehicle.

I will describe my invention with reference to the accompanying drawings, whereon Figure 1 is a perspective view of a support with an umbrella attached; and Fig. 2 is a view of the frame of the umbrella separately in position to be passed over the support, as hereinafter described.

I attach the support A to the vehicle by the intervention of springs B, which give a steadier support than is the case when the support is connected directly to the vehicle without springs. I prefer to affix the support in its adjusted angular position by means of gripping-disks c c' , there being at each end of the support A a disk, c , affixed to the end of the support A, and another disk, c' , affixed to the springs, a screw, d , attached to the disk c' , passing through a hole in the disk c , and being there provided with a nut and handle, e , to screw up the two disks to hold the support in position by forcing the disks together, so as to hold by simple jamming or friction with the intervention of a yielding material—such as felt or the like—which may

have a plain surface, or stamped with radiated or other corrugations, or by a projection or projections on the one disk engaging with notches or recesses in the other disk, or by one or both disks being roughened or stamped with radiated or other corrugations. The umbrella or covering to be carried by the support I make with a double ferrule, or a ferrule in parts, as illustrated clearly in Fig. 2, for supporting the ribs upon the stick. The one ferrule, f , carries half the ribs h on one side, and the other ferrule, g , carries half the ribs h' on the other side. By this means the ribs, h , attached to one ferrule, f , can be opened out from those, h' , carried by the other ferrule, g , and the umbrella-stick i can be passed through the holder a therefor, attached to the support A, and the two ferrules or parts of ferrules be placed one inside the other, or brought together and put upon the stick i at the part below the said support A, so that the umbrella can be brought down close to the support A instead of only being able to be brought down as far as the ferrule, as is the case with umbrellas having all the ribs attached to one ferrule in the ordinary way.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. A folding umbrella-covering or protecting attachment in which the umbrella-stick and the ribs are combined with separable ferrules or parts which carry the ribs, and can be opened out and passed on each side of a support, (to allow of the umbrella-stick being put in the holder on the support,) and then be brought together again and held upon the stick below the holder on the support, substantially as hereinbefore described.

2. The combination of the umbrella-support, the vehicle, and the interposed springs carrying the support and attached to the vehicle, substantially as and for the purposes hereinbefore set forth.

3. A support for umbrellas or coverings

for vehicles, provided with springs for attachment to the said vehicles, the adjustable fixing of the support being effected by screws and disks attached to the springs and the ends
5 of the supports proper, substantially as here-
before described, and illustrated in the accompanying drawings.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

CHARLES HENRY BUTLIN.

Witnesses:

JOSEPH W. HUNKIN,

Princess Street, Truro.

JAMES ROBERTS,

St. Dominic Street, Truro.