

G. BOCKSTALLER.
UMBRELLAS FOR WAGONS.

No. 172,380.

Patented Jan. 18, 1876.

FIG. 1.

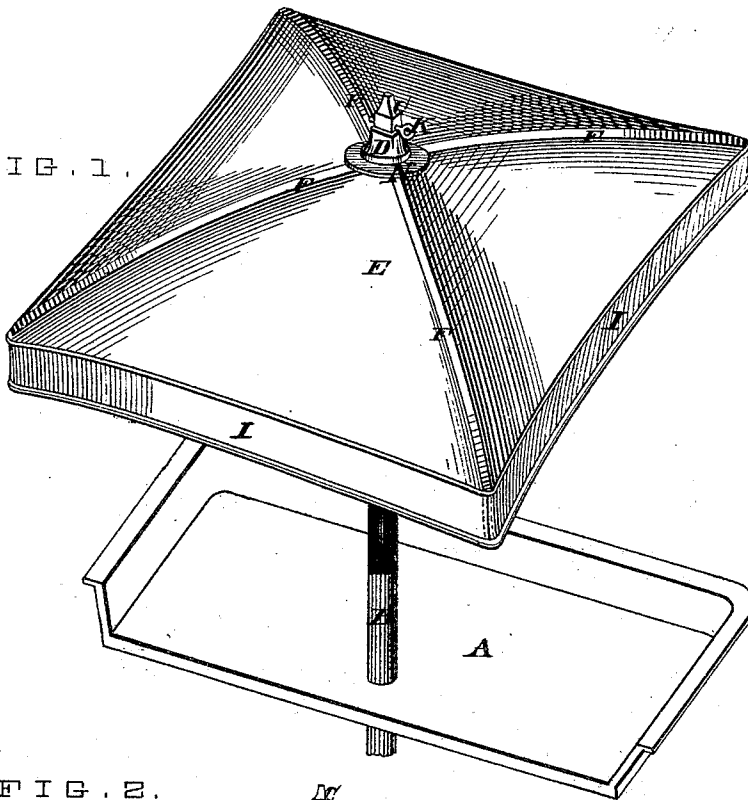


FIG. 2.

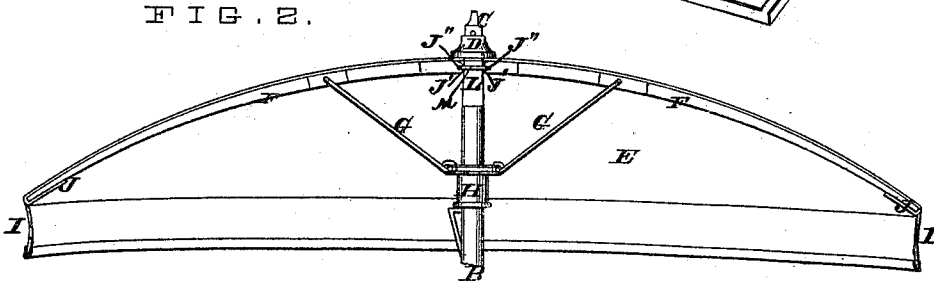


FIG. 3.



ATTEST.

Charles Pickles

Robt. Burns

INVENTOR.

George Bockstaller

By Knight Bros.
Attys.

UNITED STATES PATENT OFFICE.

GEORG BOCKSTALLER, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF
HIS RIGHT TO JULIUS STEINER, OF SAME PLACE.

IMPROVEMENT IN UMBRELLAS FOR WAGONS.

Specification forming part of Letters Patent No. 172,380, dated January 18, 1876; application filed
July 24, 1875.

To all whom it may concern:

Be it known that I, GEORG BOCKSTALLER, of St. Louis, in the county of St. Louis and State of Missouri, have invented a certain new and Improved Umbrella for Wagons, &c., of which the following is a specification:

Heretofore wagon-umbrellas have had the usual construction—that is, with a sufficient number of ribs to give them a substantially round form; and as it is objectionable to allow the top to project over the sides of the wagon-body, the umbrella had necessarily to be made of an area so small as to give an inadequate protection, whereas, with the present improvement, the top may be made the full width of the box upon each side from front to back of said top.

My improvement relates to an umbrella for vehicles, &c., made square, so as to conform to the shape of the sides of the body, and is designed to overcome the disadvantages of ordinary wagon-umbrellas.

My improvement consists, first, in a new article of manufacture, consisting of a four-sided or square umbrella, provided with a four-ribbed frame.

My improvement consists, second, in the combination of a square cover, having a square perforation for guiding the cover in position, a re-enforce band for said perforation, four ribs, pouches for receiving the outer ends of said ribs, and separate bearing-collar.

My improvement consists, third, in the combination of a staff provided with a square top forming flat sides, ribs having orifices at their inner ends, said ends being rounded and adapted to turn on said sides, and a ring for connecting the ends rigidly to the top of the umbrella.

Figure 1 is a perspective view of the umbrella. Fig. 2 is a diagonal section. Fig. 3 is an under view of two opposite ribs.

A is the wagon-seat, through which passes the staff B of the umbrella. The top C of the staff passes through the collar D at the center of the cover E. The cover E is square in form, as shown, and is supported on four ribs, F, adapted to be raised or lowered. The inner ends J' of the ribs are rounded, so as to allow them to turn easily on the flat sides L, formed by the square top C, and are held rigidly to their bearings by ring M passing through orifices J''.

This construction forms a superior and simple mode of attaching the inner ends of the ribs. The ribs are connected between their ends by rods G to the slider H. The cover has a margin, J, hanging vertically, and is held on the frame by inserting the ends of the ribs into pouches J at the corners, which may be readily done when the ribs are down. This arrangement allows the cover to be removed from the rib-frame by merely drawing the ends of the ribs from their pouches or pockets, and drawing out the pin K, passing through the top C of the staff. The ribs may be made of wood or metal, or other suitable substance. I prefer wood as being cheap, and not liable to rust or cut the cover. The inner side of the collar D receives the upward pressure of the inner ends of the ribs. The cover has a square hole to adapt it to fit the top C, and is re-enforced by a band, N, of any suitable material. I prefer to make the cover of a single square piece, E, to which the pendent margin I is added; but, if preferred, the cover may have a seam over each rib.

It will be seen that by making the top C of square form the various parts are readily guided into position when it is desired to put them together.

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

1. As a new article of manufacture, the four-sided or square umbrella for vehicles, provided with a four-ribbed frame, substantially as and for the purpose set forth.

2. The combination of square cover E, having square perforation, re-enforce-band N, and pouches J, with the four ribs F and separate bearing-collar D, substantially as and for the purpose set forth.

3. The combination of staff B, provided with square top C, forming flat sides L, ribs F, having orifices J'' and rounded ends J', adapted to turn on said sides L, and the ring M, holding the said ends to said top, as and for the purpose set forth.

GEORG BOCKSTALLER.

Witnesses:

SAML. KNIGHT,
ROBERT BURNS.