No. 735,454. PATENTED AUG. 4, 1903.

R. E. BRADBURY.

UMBRELLA HOLDER.

APPLICATION FILED OCT. 27, 1902.

NO MODEL.

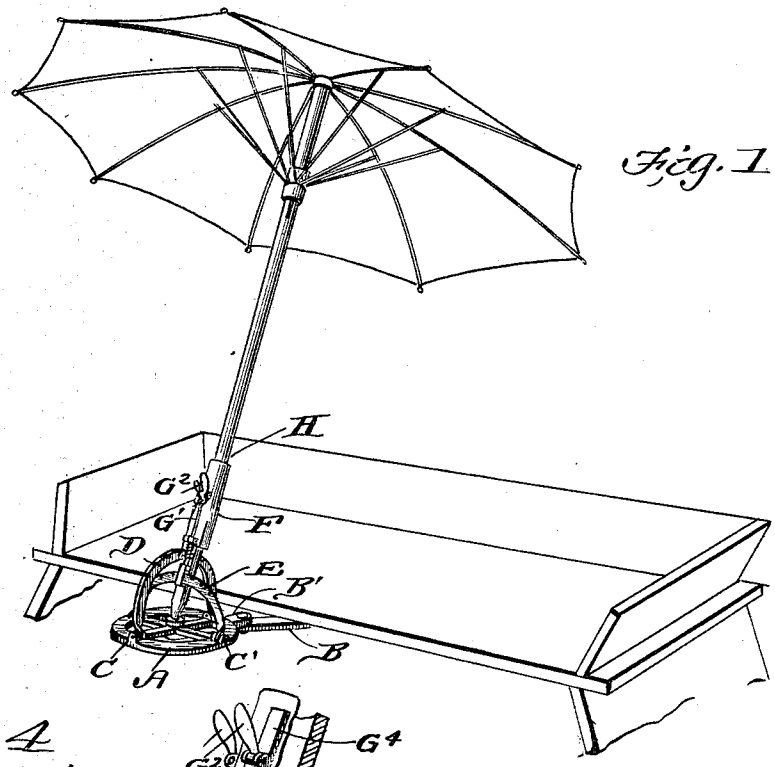


Fig. 1.

Fig. 4

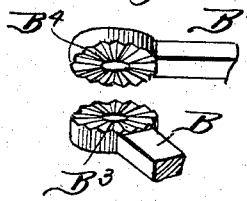
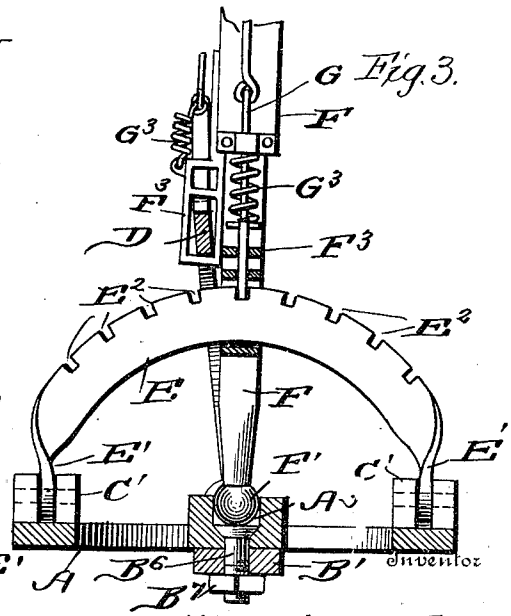


Fig. 2.

Fig. 3.



Witnesses
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No. 735,454. Patented August 4, 1903.

UNITED STATES PATENT OFFICE.

ROBERT E. BRADBURY, OF ROBERTS, ILLINOIS.

UMBRELLA-HOLDER.

SPECIFICATION forming part of Letters Patent No. 735,454, dated August 4, 1903.

Application filed October 27, 1902. Serial No. 128,917. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. BRADBURY, a citizen of the United States, residing at Roberts, in the county of Ford and State of Illinois, have invented a new and useful Umbrella-Holder, of which the following is a specification.

My invention is an improvement in umbrella-holders, and the object of the improvement is to provide an adjustable holder adapted to be secured to the seat of a vehicle and which can not only be adjusted with reference to the seat, but which will also permit of adjustment forwardly, rearwardly, and laterally of the umbrella, thus affording more protection for the driver than can be had with an umbrella of convenient size rigidly secured in one position.

In the accompanying drawings, Figure 1 is a perspective view showing the practical application of my device. Fig. 2 is an enlarged perspective view of my device detached from the seat and the umbrella being removed. Fig. 3 is a sectional elevation, the section being taken at a right angle to the outer rack-bar. Fig. 4 is a detail of construction.

In carrying out my improvement I employ a circular ring A, having a central hub A′ and arms A^2. The hub has a socket A^3, the bottom of which is perforated.

An arm B is adapted to be secured to the under side of a wagon-seat, the arm being perforated at B^2 B^3 and corrugated adjacent the perforation B^3. The arm B′ is also perforated at each end and is corrugated on one face adjacent the perforation B^4. A suitable bolt B^5 secures the two arms together and the corrugated faces contacting offer resistance to movement of the arm B′ with reference to the arm B. A suitable bolt B^6 and nut B^7 secure the outer end of the arm B′ to the hub A′.

Four pairs of lugs C C and C′ C′ are formed on the upper surface of the ring A, the several pairs being equidistant from each other. A rack-bar D, twisted at D′ adjacent each end, is pivotally secured between the pairs of lugs C C, the bar having notches D^2 on its upper edge. A second or inner rack-bar E, having the twisted portions E′ and notches E^2, has its ends pivoted between the pairs of lugs C′ C′ and passes beneath and at an angle to the rack D. A standard F terminates at its lower end in a ball F′, which rests on the head of the bolt B^6. Brackets F^2 F^3 are secured on adjacent sides of the standard, the brackets F^2 sliding on the rack E and the bracket F^3, positioned higher up the standard, slides on the rack D. Smaller guide-brackets F^4 are positioned above the brackets F^2 F^3. A lever, comprising the bar G, link G′, and handle member G^2, is positioned above each bracket, the bars G being adapted to slide vertically in the guide-brackets and upper end of the main brackets and engage the notches on the respective racks. Coiled springs G^3 normally hold the bars in engagement with the racks.

The handle members are pivotally secured to plates G^4, fastened to the standard, and at their lower ends each is connected to its respective bar by the link G′.

In its upper portion the standard is enlarged and interiorly recessed at J, so that the lower end of an umbrella-standard can be secured therein, as illustrated at H in Fig. 1.

It is obvious that the construction of the parts B B′ will permit the ring A to be swung to and away from the seat and toward and away from the center of the seat and that this motion will be independent of any movement of the standard relative to the ring. Also it is obvious that by disengaging the bar G from the notches E^2 the ball-and-socket construction of the standard and hub will permit the standard to be swung laterally, the bracket F^2 sliding on the rack E and the rack D swinging over the rack E, also that when the corresponding bar is disengaged from the notches D^2 the bracket F^3 will slide on the rack D and the rack E slide beneath the rack D and the standard swing forwardly or rearwardly, and by disengaging both bars simultaneously the standard may be swung to any point of the compass by one movement. It is also obvious that the bar operating in the bracket F^2 can engage any notch on the rack E and that at the same time the bar acting in the bracket F^3 can engage any notch on the bracket D. It also understood that while I have shown the umbrella-holder attached to a wagon-seat it is evident that it can be attached to any structure and in any desired position, and I do not desire to limit myself to its use on vehicles.

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

1. A device of the kind described comprising an umbrella-holder, rack-segments, one of said segments being beneath and transverse to the other, said segments being adapted to swing simultaneously, and means carried by the holder adapted to engage the segments.

2. In combination with suitable means of support, a ring having a hub and a socket formed therein, a standard adapted to carry an umbrella, rack-segments carried by the ring one of said segments being beneath and transverse to the other, brackets on the standard, adapted to slide on the segments, and levers adapted to engage the segments and lock them in position.

3. In a combination with a suitable support, a disk adapted to swing in a horizontal plane, lugs formed in pairs on the upper face of the disk, rack-segments carried by the disk, each end of each segment being pivotally secured between a pair of lugs, one segment being smaller than and transverse to the other, and each segment being adapted to swing independently of the other, a standard loosely mounted on the disk, brackets on the standards adapted to slide on the segments, and means carried by the standard for simultaneously engaging the segments.

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Witnesses:
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