(No Model.)

J. R. R. MORFORD.

PORTABLE FOLDING SEAT.

No. 516,895. Patented Mar. 20, 1894.

Fig. 1.

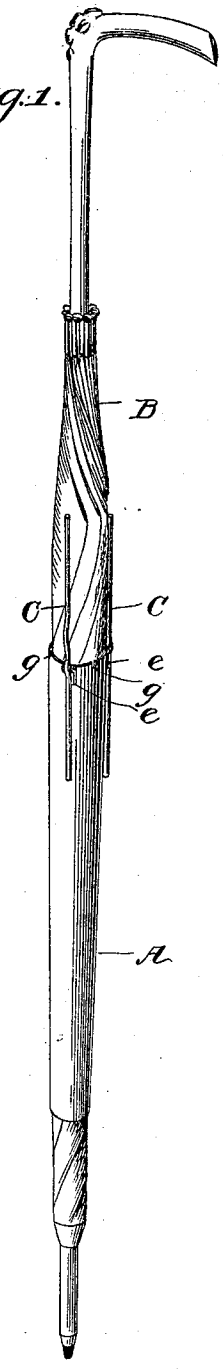


Fig. 2.

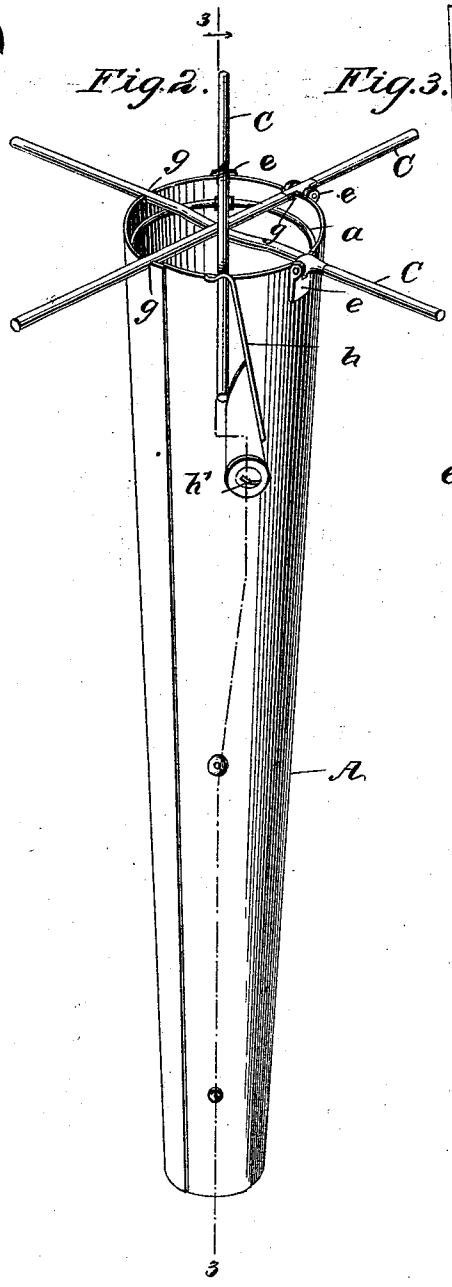
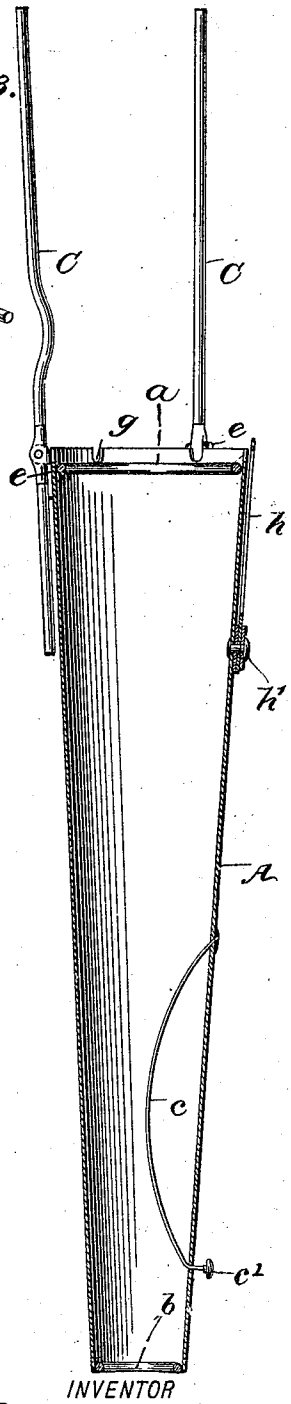


Fig. 3.



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PORTABLE FOLDING SEAT.

SPECIFICATION forming part of Letters Patent No. 516,895, dated March 20, 1894.

Application filed May 16, 1893. Serial No. 474,406. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. R. MORFORD, of La Harpe, in the county of Hancock and State of Illinois, have invented a new and useful Improved Portable Folding Seat, of which the following is a full, clear, and exact description.

The object of this invention is to provide a novel device which is adapted to afford a temporary seat for a tourist, artist, or other person desiring to rest for a time in the open air, and that when not in service as a seat, may be slid upon an umbrella and form a case therefor.

To this end, my invention consists in the construction and combination of parts, as is hereinafter described and claimed.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement in position on an umbrella, and adapted for convenient portage therewith. Fig. 2 is an enlarged perspective view of the improvement adjusted for use as a seat; and Fig. 3 is a longitudinal sectional view of the device, on the line 3—3 in Fig. 2, the seat bars being raised.

A conical or tapered hollow sheet metal sheath A, is provided, of a proper height for use as a seat standard, and of such a relative diameter as will adapt it to receive and loosely embrace the folded umbrella B, when it is desired to so arrange the improved seat for convenient transportation, the tapered form of the standard A, conducing to such an assembling of parts. The standard A, is reinforced near its upper and lower ends, by the metal bands *a* and *b*, that are of such size as will permit them to respectively fit within the parts of the standard mentioned, and be thereto secured by any suitable means.

Within the standard A, and near the lower end of the same, is located the bow-spring *c*, having its upper end affixed to the sheet metal wall by riveting, or in any other manner that will retain it securely fastened thereto. Preferably the spring *c*, is made of elastic wire and is curved as shown in Fig. 3, the bow portion projecting a proper degree within the hollow standard and toward the opposite side, extending upwardly, its free lower end, having a loose contact with a perforation of the standard A, extends outwardly through its wall and is provided with a button *c'* on its outer end to facilitate its movement.

Three seat bars C, are furnished, which are substantially of the same form, each consisting of a metal rod that is hinged to the outer side and near the upper end of the hollow standard A, there being a suitable bracket plate *e* provided for each bar, which plates are attached upon the exterior of the standard near its top edge, at three evenly spaced points, and directly opposite the notches *g*, that are formed in the top edge of the standard, and having a correct width and depth to allow the body of each bar C, to rest in the notch it is opposite, when said bars are folded horizontally to produce a skeleton seat frame, as indicated in Fig. 2.

The seat bars C, are each loosely secured to the appropriate bracket plate *e* at a proper point nearer one end of each bar, which will permit an equal portion of each seat bar to radially project beyond the wall of the hollow standard A, when the bars are all folded to lie across the top of the standard, and as the bars cross each other at the axial center of the standard, it is necessary to bend the lowermost bar downward so as to permit it to avoid contact with the straight center bar, the remaining bar that is imposed on the center bar, being curve bent upwardly a sufficient degree to allow it to have a loose contact at its crossing point above the center bar of the set.

It will be seen, that when the seat bars are arranged as shown in Fig. 2, a shawl may be thrown on the crossed bars C, and form a comfortable seat, which is rendered secure by the spring catch *h*, that is attached by its lower end *h'* upon the hollow standard A, and interlocked with the top bar of the set when adjusted to effect such a contact.

The improved seat may be quickly arranged for service, and either with or without a cover on the crossed seat bars C, will afford a convenient support for a tired pedestrian, who can utilize the umbrella B, to provide shade while occupying the improvised seat, the latter filling a popular want for a seat which a tourist, viewer of out door games, or a rambler in forests or along streams, may employ to

advantage whenever occasion may require. When the seat and shade are not needed, the upward folding of the seat bars C, as indicated in Figs. 1 and 3, will permit the hollow standard A, to be slid as an envelope upon the closely wrapped covering of the umbrella B, and be there retained by the pressure of the spring *c*, which will render the device as convenient for portage as is the umbrella alone.

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

1. A portable folding seat, comprising a standard and seat bars each hinged to a bracket plate on the standard and arranged to fold across each other and rest on the top of said standard, substantially as described.

2. A portable folding seat, comprising a hollow standard, and seat bars each hinged nearer one end to a device on the top of the standard, and arranged to fold across each other resting on said standard, substantially as described.

3. A portable seat, comprising a tapered hollow standard, seat bars hinged to the top edge of the standard and adapted to fold across each other and project beyond the standard wall, and a securing device for the top folded bar substantially as described.

4. A portable folding seat, comprising a tapered hollow standard, reinforce rings therein, a bow spring attached to the inner wall of the standard and adapted to press an inserted object, a set of three spaced seat bars hinged between their ends upon the top of the standard and bent to permit them to fold across each other and rest in notches in the standard's edge, and a spring catch adapted to interlock with one seat bar, substantially as described.

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