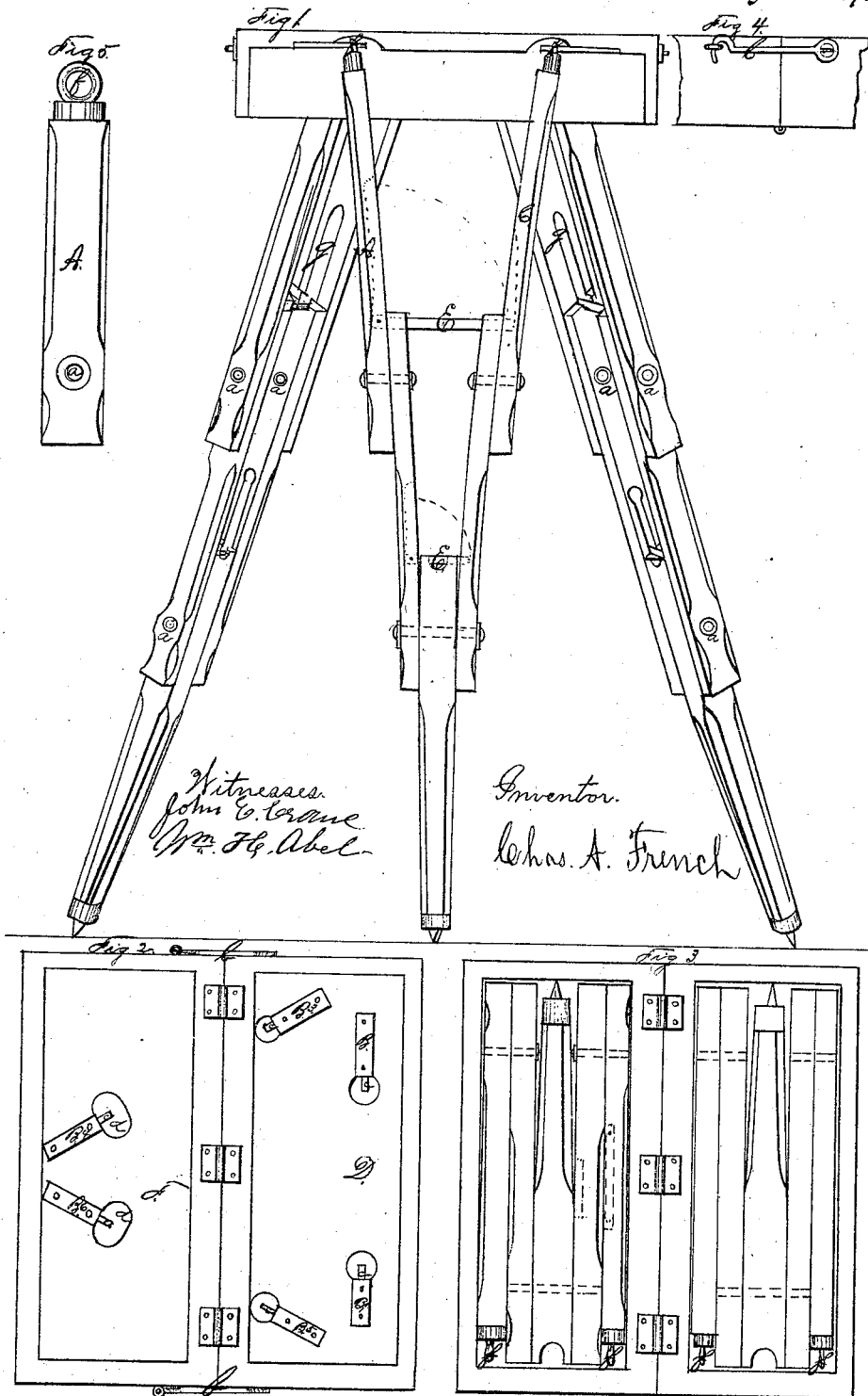


C. A. French,

Folding Seat.

No. 106,805.

Patented Aug. 30. 1870.



United States Patent Office.

CHARLES A. FRENCH, OF LOWELL, MASSACHUSETTS.

Letters Patent No. 106,805, dated August 30, 1870.

IMPROVED FOLDING SEAT.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, CHARLES A. FRENCH, of Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Folding Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 represents a front or side elevation, as the implement appears when ready for use, except that the front or side portion of the box has been removed to show the mode and means of attaching and detaching the folding leg or legs.

Figure 2 represents the interior of the opened box, which forms the seat and the receptacle for the folded legs.

Figure 3 represents the opened box with the folded legs therein.

Figure 4 represents a portion of the end of the opened box, with one of the hooks or hasps which holds it open.

Figure 5 represents a side elevation of one of the upper joints of a folding leg, with the eye *f*, by which it is attached to box or seat.

This invention relates to that kind of folding seats which are portable, and which are generally used by persons visiting out-door celebrations, fire-works, &c., and has for its object to provide a substantial, strong, and durable seat, which will be cheap and convenient, and, when folded, compact, concealed, and easily carried.

This invention consists of a jointed folding leg, constructed as shown, and provided with a pivoted swinging rod or rods, *E*, for holding the unfolded parts in their set position, and eyes *f*, for attaching the leg to the seat.

Also, in the arrangement and combination with the box of connecting stud-plates *B*, by which the legs are applied or attached when the box is opened.

Also, the combination of the folding leg, constructed as shown, with the open box, provided with stud-plates *B* and stud *c*, as described.

Also, the relative arrangement and adaptation of the folding legs and the box, each constructed as described, whereby the former is folded and concealed within the latter, which also forms the seat, as set forth.

In constructing my improved portable folding seat, the different jointed parts of the legs are fastened together by rivets, *a*, or by screws or bolts, if preferred, and, when opened or unfolded, a pivoted rod, *E*, is arranged to swing from a groove, *g*, in one of the jointed portions *A*, over to and into a similar groove in the opposite portion *C*, and a little below the upper ends of the next lower section of jointed parts, which upper end or ends are notched to receive said rod or rods, which hold the jointed parts in their set position.

The grooves *g*, into which the pivoted rods swing, are shown in dotted lines on the front leg, and by full lines on the back legs.

An eye, *f*, projects from the top end of each upper joint *A* and *C*, and is secured thereto by a shank or other suitable means.

The box may be one of common construction, each part about the same depth, and hinged together.

To the inside of the cover *D*, of one part of the box, I apply two stud-plates, *B* and *B'*, for connecting the eyes *f* of the front leg, and in the same part two other stud-plates, *B''* and *B'''*, each for connecting one of the eyes *f* of each of the back legs.

The other stud-plates, *B''* and *B'''*, for connecting the other eyes of the back legs, are applied to the inside of the cover *E*, and of the opposite part of the box, all as clearly shown in the drawing.

Cavities, *d*, are formed in each cover, above or beyond each stud *c*, to allow each eye *f* to pass over the end of the stud.

Hooks or hasps, *b*, are applied to each end of the box, and near the hinged joint, to hold the box open.

Each leg, when unfolded and set, and secured in position, is applied to its respective studs and plates by springing the two parts *A* and *C* together, first placing the eye *f* of one part onto the proper stud, then the other eye into the opposite cavity, *d*, and inside of the stud there secured, and by allowing the parts *A* and *C* to spring outward, thus hinging the legs to the studs and the box.

The legs are detached by springing the top parts together, and by removing first one eye of each from its stud, then the other.

To pack the legs into the box, each one is folded, first releasing and throwing up the rod or rods *E* into their grooves *g*, the folded legs placed in the box, the hooks *b* thrown back, and the two hinged parts closed together and fastened by a hasp, or a lock, if preferred.

I claim—

1. The jointed folding leg, constructed as shown and described, and provided with a pivoted swinging rod or rods *E* and connecting-eyes *f*, in the manner and for the purpose set forth.

2. The arrangement and combination with the box, as described, of connecting stud-plates *B* *B'*, &c., in the manner and for the purpose specified.

3. The combination of the folding legs, constructed as described, with the opened box, provided with connecting plates and studs, as set forth.

4. The relative arrangement and adaptation of the folding legs and the box, each constructed as described, whereby the former is concealed within the latter, which also forms the seat, as set forth.

CHARLES A. FRENCH.

Witnesses:

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