(No Model.)

C. E. KOECHLING.

BEACH CHAIR.

No. 405,038. Patented June 11, 1889.

Fig. 1.

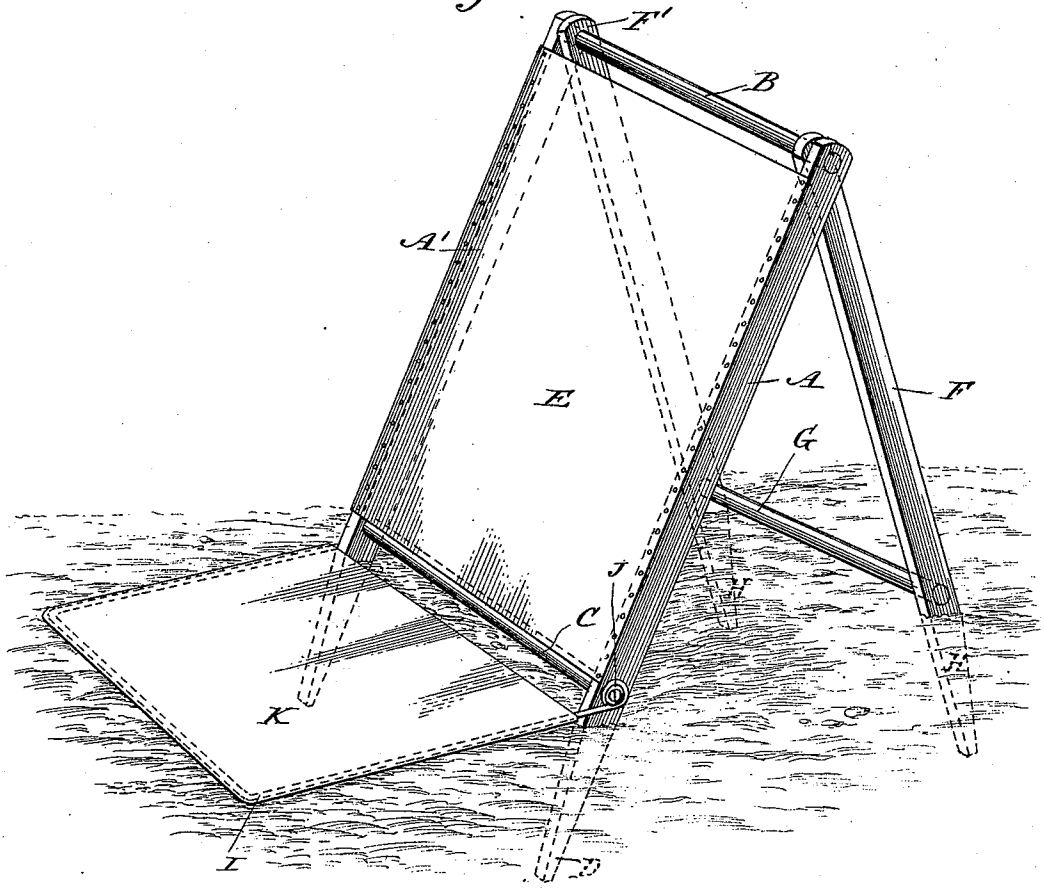
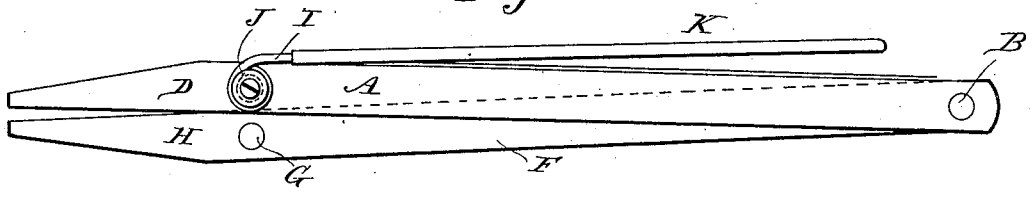


Fig. 2.



WITNESSES:

D. C. Reusch.

C. Sedgwick

INVENTOR.

C. E. Koechling

BY Munn & Co

ATTORNEY

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES E. KOECHLING, OF NEW YORK, N. Y.

BEACH-CHAIR.

SPECIFICATION forming part of Letters Patent No. 405,038, dated June 11, 1889.

Application filed January 11, 1889. Serial No. 296,079. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. KOECHLING, of the city, county, and State of New York, have invented a new and useful Improvement in Beach-Chairs, of which the following is a full, clear, and exact description.

The object of my invention is to produce a beach-chair which shall afford the occupant a comfortable back-rest and a water-proof seat, the whole being so arranged that the seat will be supported, when in use, by the sand of the beach and be practically level therewith, whereby the occupant may recline comfortably without danger to health from the dampness of the sand.

The invention consists in the peculiar construction and arrangement of parts, all as hereinafter fully described, and pointed out in the claim.

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 both the figures.

Figure 1 is an isometric view of a beach-chair embodying my invention, and Fig. 2 is a view of the same folded in a horizontal position.

In the drawings, A A′ represent the side pieces of the back-rest. These are joined by the round B at their upper ends and the round C near their lower ends. Below the round C the side pieces of the back-rest are beveled off, as shown, and serve as legs D. Over the frame formed by the side pieces A A′ and the rounds B and C is stretched a piece of flexible material E, preferably of canvas, which is tacked at its side edges to the side pieces A A′, as shown. This piece of flexible material serves as a support or rest for the back of an occupant of the chair.

F F′ are the side pieces of the bracing-frame, which are joined by the round G near their lower ends and by other rounds at suitable intervals, as may be necessary. The legs H of the bracing-frame are formed below the round G in a manner similar to the legs D of the back-rest.

The frame of the back-rest and the bracing-frame are pivotally connected at their upper ends in any suitable manner—as, for example, as shown in the drawings—by joining the side pieces of the bracing-frame to the round B of the back-rest.

The seat is composed of a frame I, preferably of galvanized-iron wire bent into the desired shape, and secured, preferably, to the projecting ends of the round C by being bent loosely around the same and retained in place by a disk J, screwed to each end of the round. A wooden seat-frame may, however, be used.

To the frame I is secured, preferably, a vulcanized-rubber-coated fabric K; but any other material impervious to water and moisture may be used.

When the chair is folded in the position shown in Fig. 2, the seat may be secured to the side pieces of the back-rest by a loop and button or by any other suitable means.

My chair is used by inclining the back-rest to the position desired and driving its legs and the legs of the bracing-frame into the sand until the seat is brought down to the level of the sand, as shown in Fig. 1, when the chair is ready for use.

The advantages of my chair are that it is capable of being readily and quickly folded and unfolded, so that the burden of carrying it to and from the beach is lessened, and it is, by reason of its water-proof seat and back-rest, both healthy and comfortable.

When a wire frame and water-proof fabric are used to form the seat, the resilience of the frame and fabric enhances the comfort of the occupant, as they readily conform to the inequalities of the sand.

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

The herein-described beach-chair, consisting of a back-rest formed of side pieces A A′, united by rounds B C, and covered with the flexible material E, a brace-frame formed of the side pieces F F′, united by the round G, and pivoted to the upper ends of the side pieces A A′, and the metallic seat-frame I, pivoted to the side pieces A A′ a short distance from their lower ends and covered with the water-proof material K, the said water-proof material being separate from the flexible material E, as specified.

CHARLES E. KOECHLING.

Witnesses:
EDWD. M. CLARK,
EDGAR TATE.