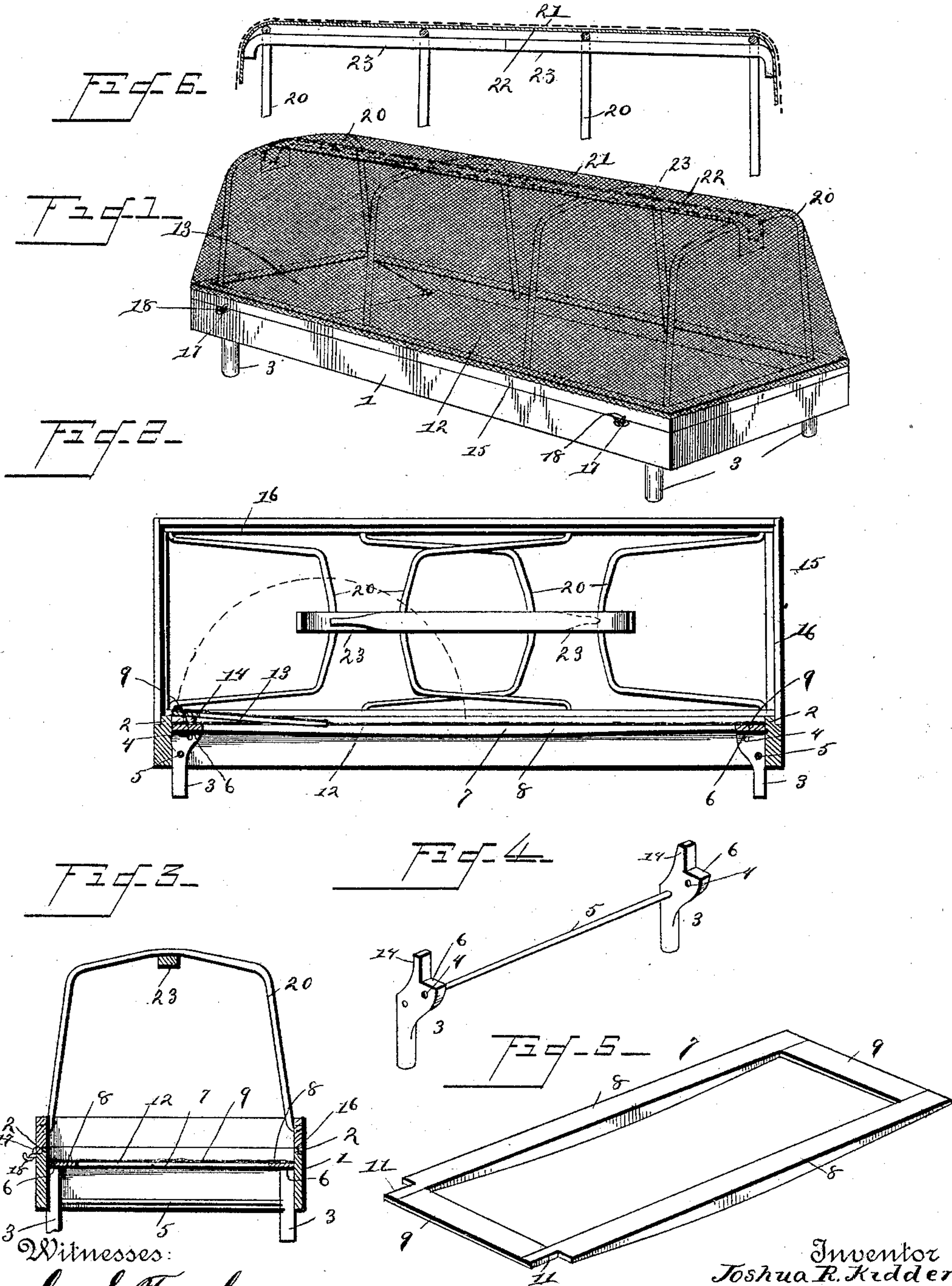


(No Model.)

J. R. KIDDER.
LOUNGE.

No. 452,971.

Patented May 26, 1891.



Witnesses:
Geo. C. French.
W. S. Duwall

Inventor
Joshua R. Kidder
By *his* Attorneys
C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JOSHUA R. KIDDER, OF BURTON, OHIO.

LOUNGE.

SPECIFICATION forming part of Letters Patent No. 452,971, dated May 26, 1891.

Application filed November 9, 1889. Serial No. 329,731. (No model.)

To all whom it may concern:

Be it known that I, JOSHUA R. KIDDER, a citizen of the United States, residing at Burton, in the county of Geauga and State of Ohio, have invented a new and useful Lounge, of which the following is a specification.

This invention has relation to improvements in lounges, and among the objects in view are to provide a simple, cheaply-constructed, and easy lounge, and also to provide a mosquito and fly guard for the same adapted to be closed and packed flat.

With these general objects in view the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective view of a lounge constructed in accordance with my invention, the guard or canopy being in position thereupon. Fig. 2 is a longitudinal section, the guard raised and packed flat. Fig. 3 is a transverse section; Fig. 4, a detail in perspective of the legs for supporting the lounge. Fig. 5 is a detail in perspective of the spring-frame. Fig. 6 is a longitudinal section of the canopy-frame.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents the main or lounge frame, and the same is of the usual oblong shape and provided at its upper edge with a surrounding bead or flange 2.

3 represents pivoted legs, a pair of which is located at each end of the frame 1 and pivoted within the same, as at 4, the pair being connected by a tie-bar 5. The inner edges of each of the legs above their pivots is cut away, forming a supporting-shoulder 6, and the outer edges of the legs abut against the end rails of the frame 1 when said legs are in a vertical or supporting position.

7 represents a rectangular spring-frame, and the same is of a shape to loosely fit within the frame 1 and comprises opposite longitudinal spring-strips 8, connected at their extremities by cross-pieces 9, the extremities of these strips being recessed, as at 11, and adapted to embrace the legs and rest upon the shoulders formed in the inner edges of the same, whereby it is apparent that with the addition of the textile covering 12, mounted over the frame 7, a complete and easy lounge is pro-

vided in an exceedingly cheap and simple manner. The legs being pivoted, it is apparent the same may be swung up into the frame 1, and the lounge thus adapted for packing for shipping purposes or otherwise, as desired. The longitudinal bars 8 are formed of resilient material and are gradually thickened toward their centers, where the greatest strain occurs. The resiliency of the bars causes them to readily yield when the couch is occupied by a person.

13 represents a head-rest pivoted between the side rails of the frame 1 and adapted to swing, as shown by the dotted circle, and to fold down between the same when not in use. By swinging the head-rest toward the outer end of the frame the same will be supported in a slightly-inclined position by means of the upper ends of the pair of pivoted legs at that end of the lounge, which legs are elongated, as at 14, and project through the recesses 11 in the ends of the longitudinal bars 8 and serve as a support for the free end of the rest. The legs at the head of the lounge, as before stated, are elongated or provided with extensions 14. The legs being swung to a vertical or supporting position, it is apparent that the above-mentioned extensions will be projected up through the recesses 11 of the spring-frame. Such movement is permissible by reason of said legs being pivoted, as at 4. When not in use the legs may be swung to a horizontal position and the extension 14 will be withdrawn from the recesses 11.

15 represents the canopy or guard frame, which in contour and dimensions is the same as the frame 1, and said frame is provided upon its inner lower edge with a continuous recess 16, adapted to receive the bead 2 of the frame 1. A series of hooks 17 project from the outer surface of one of the longitudinal rails of the guard-frame and interlock with a corresponding series of staples or eyes 18, projecting from the outer surface of one of the longitudinal bars of the frame 1, whereby the guard-frame is hinged to the lounge-frame and may be thrown back from over the same to permit of access to the lounge.

20 represent a series of inverted-U-shaped bails or frames, the extremities of which are bent at a right angle and pivoted in the opposite longitudinal bars of the frame 15, and

stretched over the series of bails, and having its edges neatly secured to the frame 15, is a gauze-net 21. A strip of fabric 22 is sewed or otherwise connected at intervals to the netting, so as to re-enforce the same against stretching. The number of bails employed in this instance is four, and they are connected in opposite pairs by two longitudinal brace-
10 rods 23, arranged in line with each other, so that the ends thereof are adapted to abut or be sprung one below the other and passed by each other and overlap. By raising the braces and swinging the bails to a vertical position, so that the ends of the braces abut, a continu-
15 ous longitudinal brace is provided, which maintains the canopy or guard stretched tightly over the bails. Pressing the abutting ends of the braces out of a horizontal plane and swinging the opposite pairs of bails toward the cen-
20 ter permits the canopy to be lowered upon the frame 15 and within the same, and thus the lounge, so far as the canopy is concerned, is adapted for shipment or to be swung back against the wall, if such be the position of the
25 lounge, as will readily be understood.

Having described my invention, what I claim is—

1. The main or lounge frame 1, supported on legs and provided with a surrounding up-
30 wardly-extending bead or flange 2, combined with the frame 7, of the same general shape as the main frame and resting within the same, the legs of the main frame being provided

with shoulders for the support of the frame 7, and the canopy or guard frame 15, which is 35 of a contour similar to frame 1, and having a recess 16 to receive the bead 2 of the latter, and hooks and eyes connecting the canopy-frame at one side to the main frame, substantially as specified. 40

2. The canopy-frame 15, having a series of inverted-U-shaped bails, the extremities of which are bent at a right angle and pivoted in the side bars of the canopy-frame, the gauze-net 21, stretched over the bails and 45 neatly secured to the frame 15, and the longitudinal braces 23, connected to the bails to hold them from collapsing, as set forth.

3. The combination, with a canopy-frame of a lounge, of a series of inverted-U-shaped 50 bails pivoted to and adapted to fold within the canopy-frame, a canopy stretched over the bails, a flexible re-enforcing strip connected at intervals to the canopy, and opposite longitudinal braces connected at their ends 55 to the bails and arranged in line with each other and adapted to abut at their inner ends, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 60 presence of two witnesses.

JOSHUA R. KIDDER.

Witnesses:

M. KENNEY,
W. D. ALLEN.