

July 23, 1940.

A. W. WEBER

2,209,145

CONVERTIBLE CHAIR AND COUCH STRUCTURE

Filed Jan. 3, 1939

2 Sheets-Sheet 1

Fig. 1.

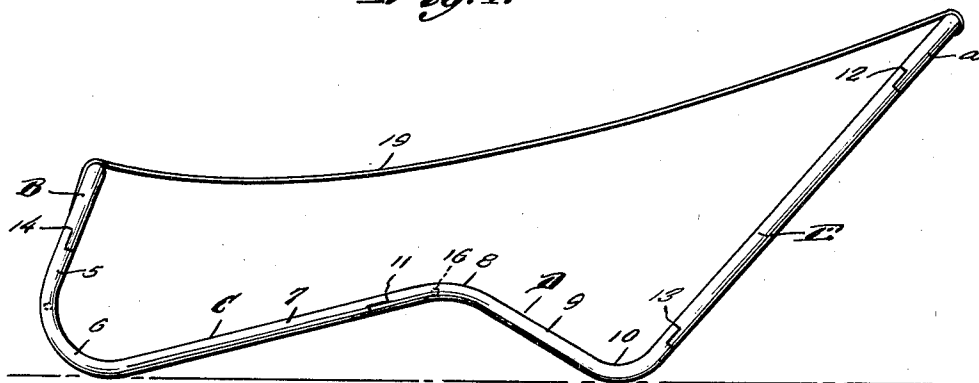


Fig. 2.

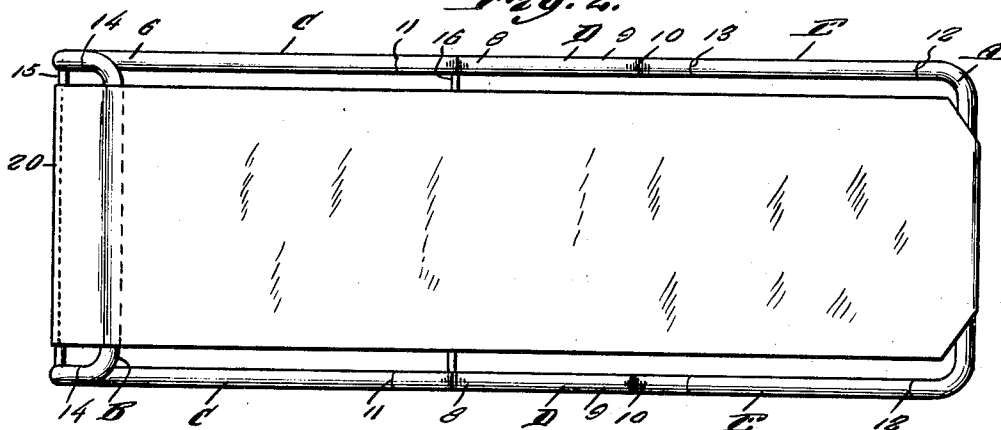
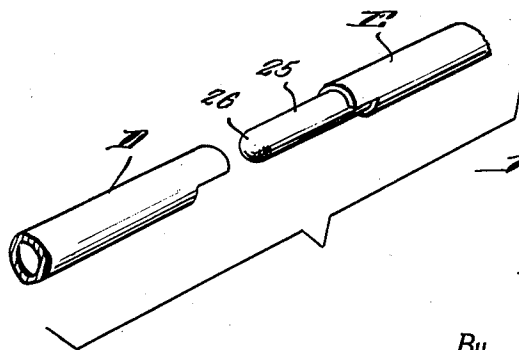


Fig. 3.



Inventor

A. W. Weber

By

Clarence A. O'Brien
and Hyman Berman
Attorneys

July 23, 1940.

A. W. WEBER

2,209,145

CONVERTIBLE CHAIR AND COUCH STRUCTURE

Filed Jan. 3, 1939

2 Sheets-Sheet 2

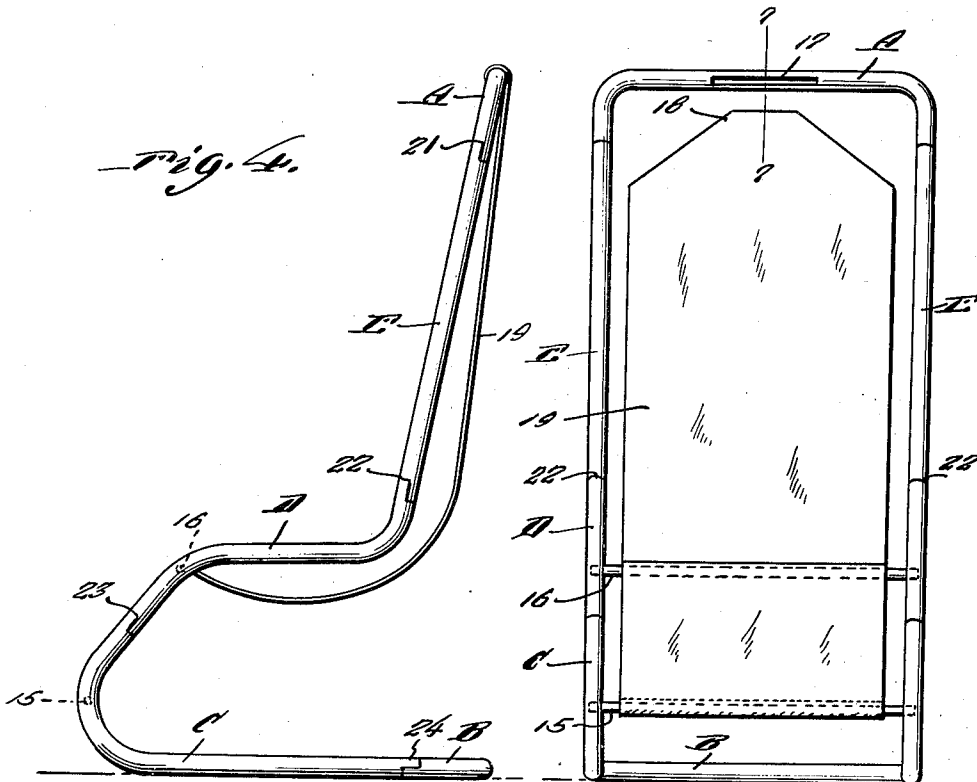


Fig. 5.

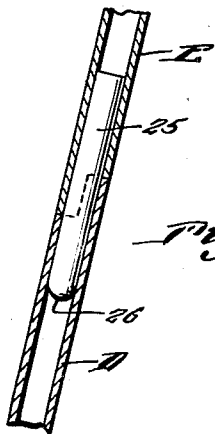


Fig. 6.

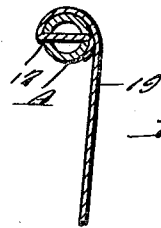


Fig. 7.

Inventor

A. W. Weber

By *Clarence A. O'Brien*
and *Hyman Berman*
Attorneys

UNITED STATES PATENT OFFICE

2,209,145

CONVERTIBLE CHAIR AND COUCH
STRUCTURE

Arthur W. Weber, Belleville, N. J.

Application January 3, 1939, Serial No. 249,125

1 Claim. (Cl. 155—45)

This invention appertains to new and useful improvements in convertible furniture and more particularly to a structure which can be easily converted from a chair to a couch and vice versa, and which because of its lightness in construction is especially adapted for beach and other ocean front uses.

The principal object of the present invention is to provide an article of the character stated constructed of a plurality of sections of a definite shape wherein these sections can be constructed into either a chair or a couch and subsequently reconverted in an easy and convenient manner.

Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings—

Figure 1 represents a side elevational view of the structure in the form of a couch.

Figure 2 is a top plan view of the structure shown in Figure 1.

Figure 3 is a fragmentary perspective view of one of the joints.

Figure 4 is a side elevational view of the structure in the form of a chair.

Figure 5 is a front elevational view of the chair.

Figure 6 is a fragmentary longitudinal sectional view through one of the joints.

Figure 7 is a section on the line 7—7 of Figure 5.

Referring to the drawings, wherein like numerals designate like parts, it can be seen in Figure 1 that the invention is in the form of a couch. The frame of the couch as shown in Figure 1, as well as the frame of the chair as shown in Figure 4, are constructed of the same sections, but simply with the sections associated in a somewhat different manner. In each of these convertible structure there is the upper section A, the lower section B and the intermediate sections C, D and E.

The upper and lower sections A and B are each of U-shape. The side sections E are both straight while the intermediate sections C and D have definite curves.

The sections C each has the short straight portion 5 which merges with the arcuate portion 6 which draw substantially a five and one-half inch radius. These sections C have the elongated straight portions 7 which are used in one capacity in the couch and in another capacity in the chair. The intermediate section D has the curved end portion 8, curved on substantially an eight inch radius, and the straight portion 9 extend-

ing therefrom to the curved end portion 10 which is curved on substantially a five inch radius.

As shown in Figure 1, in forming the couch the sections C and D are used as the bottom sections, these being connected together at the joints 11, while the straight sections E are used as the back prop sections which connect at the upper end to the section A and at their lower ends to the section D, at the joints 12 and 13. The lower section B is also used as a prop, the same being joined to the section C as at 14.

As can be seen in the drawings, cross bars 15 and 16 are provided between the sections C—C and D—D.

As shown in Figure 5, the upper U-shaped section A has a slot 17 therein for receiving the upper tapered end portion 18 of the flexible strip 19. The reduced end 18 is first disposed into the slot 17 after which the U-shaped member 10 is rotated, or on the other hand the strip 19 is wrapped around the U-shaped member, and after that, in respect to the couch shown in Figure 1, the strip is disposed longitudinally of the structure and over the U-shaped lower section B downwardly to the rod 15, the latter end of the strip 19 being formed with a hem 20 for receiving the rod 15.

Thus it can be seen in respect to the couch, that the frame has two ground bearing points, namely the arcuate portions 6 and 10 and that the frame has sufficient spring inherency to offer a comfortable couch for seashore use.

In respect to the chair formation, the parts are put together in somewhat a different manner. The straight sections E form the back of the chair in conjunction with the section A, these sections being joined together as at 21.

The intermediate sections D are connected as at 22 in the same manner to the sections E, as they are in Figure 1, but in regard to the sections C, the arcuate portion 6 is adjacent the arcuate portion 8 and the joints are made as at 23. The lower section B is joined to the sections C as at 24.

The flexible strip 19 extends downwardly from the upper section A and in sagging form passes over the rod 16 and then downwardly to a point where the rod 15 passes through the hem 20 thereof.

The sections can be connected together as shown in Figure 3. In other words, it is preferable that the sections each at their joining ends be cut away so that when they are joined together they will be in interlocked position as clearly shown in Figure 6. A suitable connect-

ing pin 25 can be employed and preferably anchored in one of the section ends, while its outer end is rounded off as at 26 to facilitate insertion into a complementary section.

5 While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

10 Having described the invention, what is claimed as new is—

15 A convertible chair and couch structure comprising a frame having a plurality of interchangeable sections, said sections consisting of a pair of straight back members, a bridge member connecting the upper end of the back members, a substantially S-shaped intermediate section con-

sisting of a pair of substantially S-shaped members connected each at one of its ends to the lower end of the corresponding back member, a base section consisting of a pair of elongated straight members having straight portions and end portions curved upwardly and connected to the remaining ends of the S-shaped members, a bridge piece detachably connected to the remaining ends of the base section members, a body supporting strip extending from the upper bridge member 10 to the intermediate section, said base section being reversible with the S-shaped intermediate section to form a couch frame and said body supporting strip is adapted to be extended from the upper bridge piece to the bridge piece of the base 15 section.

ARTHUR W. WEBER.