(No Model.)

E. ORTLEPP.

RECLINING CHAIR.

No. 262,311. Patented Aug. 8, 1882.

Fig: 1.

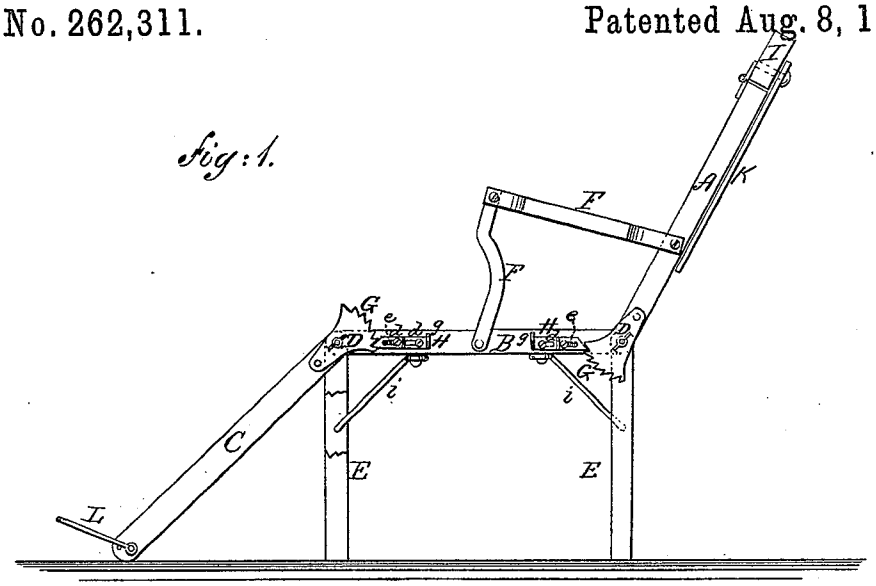


Fig: 2.

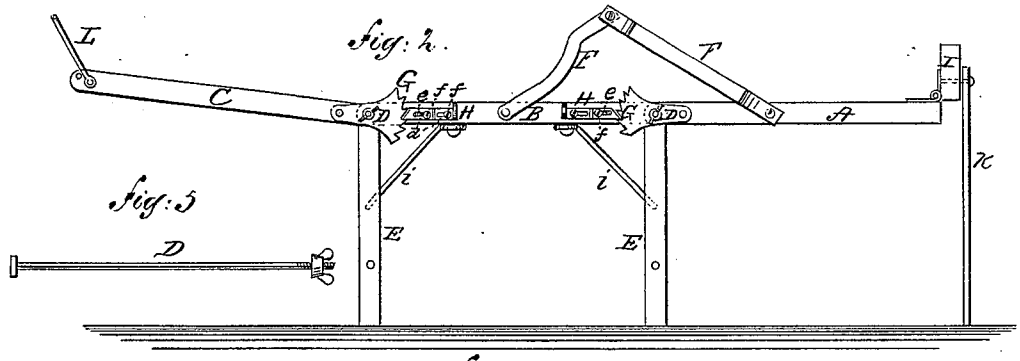
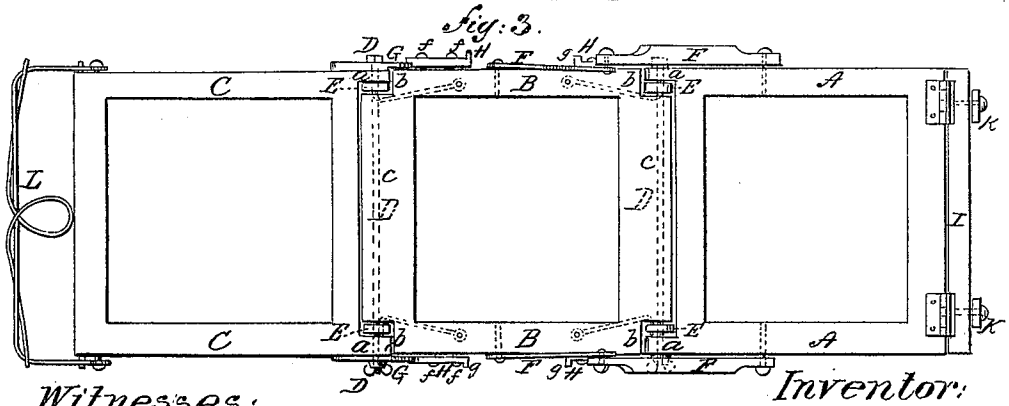


Fig: 5

Fig: 3.

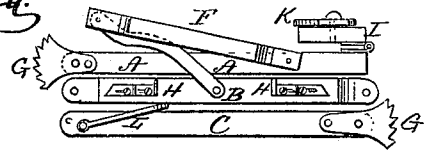


Witnesses:

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Fig: 4.



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UNITED STATES PATENT OFFICE.

ERNEST ORTLEPP, OF NEW YORK, N. Y.

RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 262,311, dated August 8, 1882.

Application filed August 3, 1881. (No model.)

To all whom it may concern:

Be it known that I, ERNEST ORTLEPP, of the city, county, and State of New York, have invented a new and Improved Reclining-Chair; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

This invention is in the nature of an improvement in reclining-chairs; and the invention consists in a reclining-chair composed of three sections of substantially the same size, removably united together by bolt-rods and nuts, in combination with adjustable legs, ratchets, and pivoted arms, as is more particularly hereinafter described.

In the accompanying sheet of drawings, Figure 1 represents a side view of my invention when used as a reclining-chair; Fig. 2, a side view of same when used as a couch; Fig. 3, a plan or top view of the chair when employed as a couch; Fig. 4, a side view of the chair when taken apart and packed for shipment, and Fig. 5 a view of bolt-rod for connecting the sections of chair.

Similar letters of reference indicate like parts in the several figures.

One of the chief obstacles to the sale of reclining-chairs in quantities or to the trade has been their bulk, which adds materially to their cost of transportation.

The purpose of this invention is mainly to effect the easy transportation of reclining-chairs by constructing them so that when ready for transportation they will occupy but a comparatively small space.

To this end I construct my chair in three sections, A, B, and C, each of which is of precisely the same size and shape and thickness. The sections A and C are formed with lugs *a* in continuation of their sides, and the section B is constructed with recesses *b* to receive these lugs. The sections A and C are secured to the section B by bolt-rods D, which pass through the lugs *a* and through the portion *c* of the ends of the section B. These bolts are loosely fitted, being provided with a head at one end and a screw-nut on the other, so that they may be readily withdrawn.

Between the lugs *a* of the sections A and C and the ends *c* of section B are placed or fitted the upper ends of the legs E. These legs are also held in position by the bolt-rods D.

To the sections A and B are pivoted arms F, of any desired description, and to the sections A and C are fixed ratchet-plates G, and to the sides of the section B are fixed spring-pawls H. These pawls are constructed with slots *d*, in one of which is fitted a spiral spring, *e*, and through both of which pass screws *f*. One end of these pawls is beveled in the usual manner to fit the ratchet, and the other end is provided with a catch or projection, *g*, by means of which the pawls may be operated.

The section A may have fixed to it a head-rest, I, with supports K secured thereto, and the section C may have pivoted to it a foot-rest, L.

To the under side of the section B are pivoted catches *i*, which lock into the legs E.

Now, my chair, constructed substantially as hereinbefore described, is operated by bringing the legs E down at right angles to the section B, and locking them in that position by the catches *i*, adjusting the section A to any desired angle that will form a comfortable support for the back, and adjusting the section C to a position that will support the legs of the occupant. As the sections A and C are adjusted to the required positions, the ratchets G will freely pass the inclined ends of the pawls H, the pawls yielding by reason of their springs *e* and the slots *d* formed therein until the desired positions of the sections are attained, when the pawls at once engage in the ratchets and hold the sections in such positions. The sections A and C may in this way be placed at any desired angle, or they may with the same facility be placed in a horizontal position in continuation of the section B, forming in this position (see Fig. 2) a couch.

By the proper adjustment of the arms F either section A or C may be used indifferently for the back or leg-rest, and one of these sections, as A, may be provided with a pivoted head-rest, I, and with supports K to support the section A when it is extended in a horizontal position.

The foot-rest L is constructed to turn down substantially parallel with the surface of the section C.

When it is desired to ship this chair or transport it, it is simply necessary to withdraw the bolts D by unscrewing the nut from one end

thereof, when at once the sections become detached from each other and the legs become detached also by this operation and also by disengaging the catches *i*, in which position one section may be laid on top of the other section. One end of each arm being unbolted enables the arms to fold parallel with the section B. The foot-rest L is folded down parallel with the section C and the legs placed within the topmost section, which is turned upside down for that purpose, when the entire chair will occupy a space of no greater length or width than a single section and of a thickness equal only to about three times the thickness of one section. In this way the chair is transformed readily into a knockdown-chair, and they may be closely packed by the dozen in a case of moderately small dimensions.

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

1. The combination of the separable sections A C, their lugs *a a*, and the section B, having recesses *b* to receive said lugs, the legs E and the removable bolts D to connect said sections and legs to admit of their formation into a chair and their separation and compact folding for transportation or storage, substantially as shown and described.

2. The separable sections A B C, bolts D, legs E E K, pawls and racks to unite sections A and C with section B at any desired angle, rods *i*, head and foot rests, and arms F, all constructed and arranged as shown and described, to form a convertible knockdown reclining-chair, substantially as specified.

ERNEST ORTLEPP.

Witnesses:
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