

(No Model.)

E. KELSEY.

CLAMPING DEVICE FOR RECLINING CHAIRS.

No. 342,019.

Patented May 18, 1886.

Fig. 1

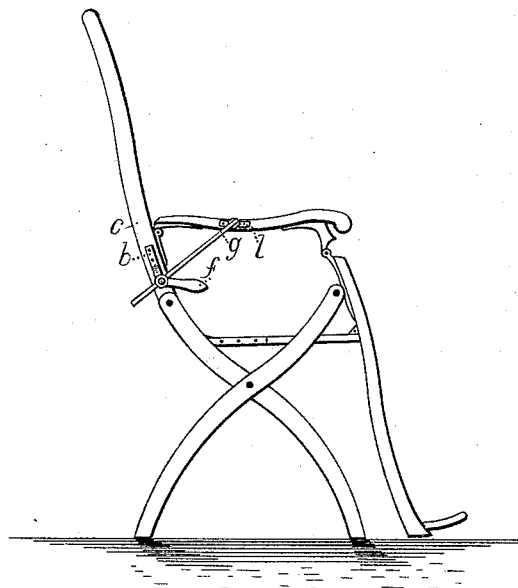


Fig. 2

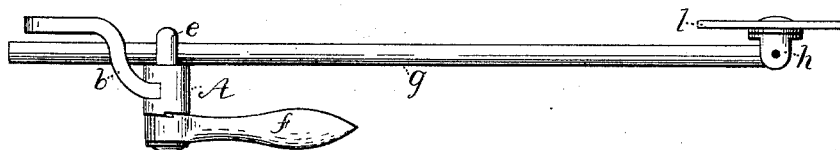


Fig. 3

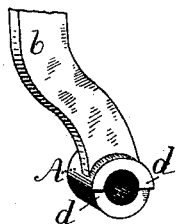
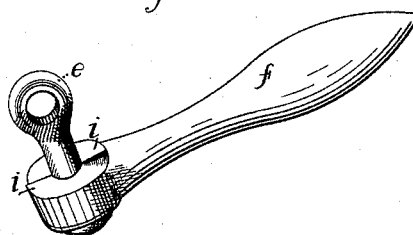


Fig. 4



WITNESSES:

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CLAMPING DEVICE FOR RECLINING-CHAIRS.

SPECIFICATION forming part of Letters Patent No. 342,019, dated May 18, 1886.

Application filed December 30, 1885. Serial No. 187,078. (No model.)

To all whom it may concern:

Be it known that I, EDWIN KELSEY, of the town of New Haven and State of Connecticut, have invented new and useful Improvements in Clamps for Reclining-Chairs, of which the following is a specification.

My invention relates to an improved clamp for reclining-chairs, and has for its object to provide a means for holding the oscillating parts of the chair stationary when adjusted.

My invention consists in the novel clamping device hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 shows a chair which is fitted with my improved clamping-device. Fig. 2 is a plan view of the clamp detached. Fig. 3 shows a clamp journal and seat, and Fig. 4 shows the clamp handle or lever and eyebolt.

Referring to the drawings, A designates a journal or bearing formed with a flange or part, *b*, by means of which it may be bolted to the back *c*, or other oscillating part of a reclining-chair. The outer end of the journal or bearing is formed with two inclines, *d d*, which are diametrically opposite each other. An eyebolt, *e*, is passed through the journal with its looped end toward the chair and partly projecting beyond the journal. On the outer and straight end of the eyebolt is journaled a handle or lever, *f*, of convenient size and shape, and the bolt is riveted over at the end to hold the lever in place. The lever bears against the outer end of the bearing A, and has two inclines, *i i*, corresponding to and fitting the inclines on the journal. A rod, *g*, is arranged through the eyebolt *e*, and pivoted at one end to a hinge or part, *h*, which swivels in a plate, *l*, fastened on an arm of the reclining-chair.

The bearing A is countersunk at its inner end, to allow the eye of the bolt *e* to enter it sufficiently to bring the rod *g* against the face of the bearing, and the length of the eyebolt

is adjusted to permit free movement of the rod in the eye when the shoulders at the ends of the inclines abut. As the lever is turned downward from this position, the incline surfaces thereon slide up the incline surfaces on the journal, and the eyebolt is drawn down, thereby clamping the rod against the journal.

The parts of a reclining-chair are hinged together as shown in Fig. 1, to permit modification of its form, and these parts thereof require to be provided with means for holding them stationary when adjusted. A clamping device for this purpose requires to be attached to two of the moving parts of the chair, and adapted to turn or swivel upon each of them.

It will be seen that the parts of my improved device are adapted to swing or turn while the form of the chair is being changed from one shape to another.

It is evident that there may be but a single incline on each of the parts of the clamping device, instead of a pair, or that any number of inclines may be used; but the use of two is preferable.

I claim as new and desire to secure by Letters Patent—

In combination with the back of a reclining-chair, the bearing A, having one or more inclines at one end and provided with an arm for fastening it to the chair-back, the eyebolt journaled in and extending through such bearing, the lever or handle journaled on the eyebolt and having one or more inclines to engage those on the bearing, the rod *g*, passing through the eye of the bolt, the arm of the chair hinged to the back, and a swivel-connection between the arm and the rod *g*, substantially as and for the purpose described.

EDWIN KELSEY.

Witnesses:

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HENRY G. NEWTON.