

C. RAABE,
Head-Section for Couches.

No. 198,681.

Patented Dec. 25, 1877.

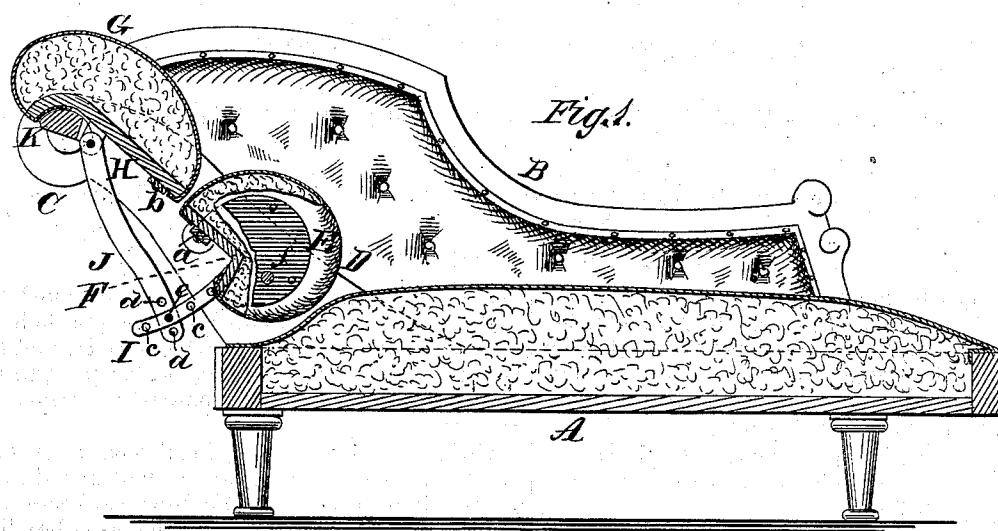


Fig. 1.

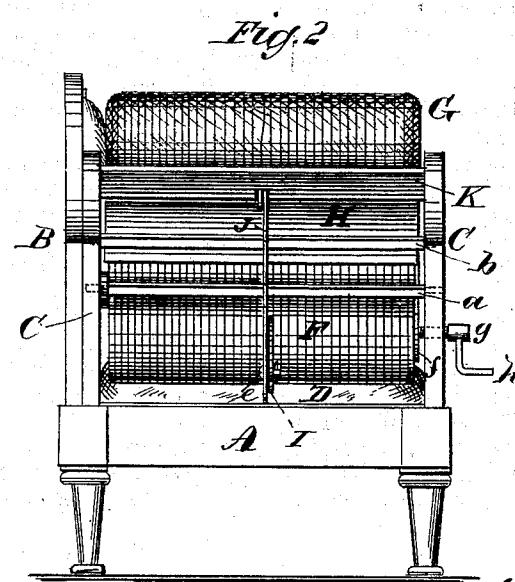


Fig. 2

WITNESSES:

Francis McOrde
J. H. Scarbovoight.

INVENTOR:

C. Raabe.
BY: Munro & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CLAUS RAABE, OF CLIFTON, NEW YORK.

IMPROVEMENT IN HEAD-SECTIONS FOR COUCHES.

Specification forming part of Letters Patent No. **198,681**, dated December 25, 1877; application filed August 24, 1877.

To all whom it may concern:

Be it known that I, CLAUS RAABE, of Clifton, county of Richmond, and State of New York, have invented a new and Improved Self-Adjusting Head-Section for Couches, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved couch. Fig. 2 is an end elevation.

Similar letters of reference indicate corresponding parts.

My invention consists of two movable head-sections, attached to pivot-bars journaled in the couch-frame, said sections being connected together so as to move in opposite directions; the object being to provide a head-section the parts of which are adjustable and counterbalance each other, so that they will maintain any position in which they may be placed.

In the drawings, A is the body of the couch, having the usual back B and arms C for supporting the head-section. D is the lower portion of the head-section, which consists of a round bolster, E, attached to a frame, F, made by fastening two boards together at an angle. This portion of the head-section is secured to a bar, a, which is round at its ends, which project beyond the ends of the bolster, and are received by holes in the arms C.

The upper portion G of the head-section consists of a convex bolster secured to a rigid back, H. The back H is secured to a bar, b, having round ends, that project into holes in

the arms C. A curved arm, I, is attached to the part F, and is provided with several holes, c. A bar, J, is jointed to the part H, and is provided with several holes, d, for the pin e, that also passes through one of the holes in the arm I.

The two parts of the head-section swing easily on their pivot-bars, and will remain in any desired position. The downward motion of the part G is limited by the cross-bar K, which connects the arms C. The adjustment of the two parts may be altered by changing the pin e in the holes c d.

A plate, f, is attached to the end of the part D, and a screw, g, passes through the outer arm C, and is provided with a handle, h, by which it may be turned so as to bear against the plate f, and clamp the part D in any desired position.

The bolster E, being separate from the part G, forms a convenient and comfortable support for the head of a person lying upon the couch.

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

The combination, in a couch, of the parts D G, having pivot-bars a b, the arm I, and bar J, substantially as herein shown and described.

CLAUS RAABE.

Witnesses:

GEO. M. HOPKINS,
ALFRED LURCOTT.