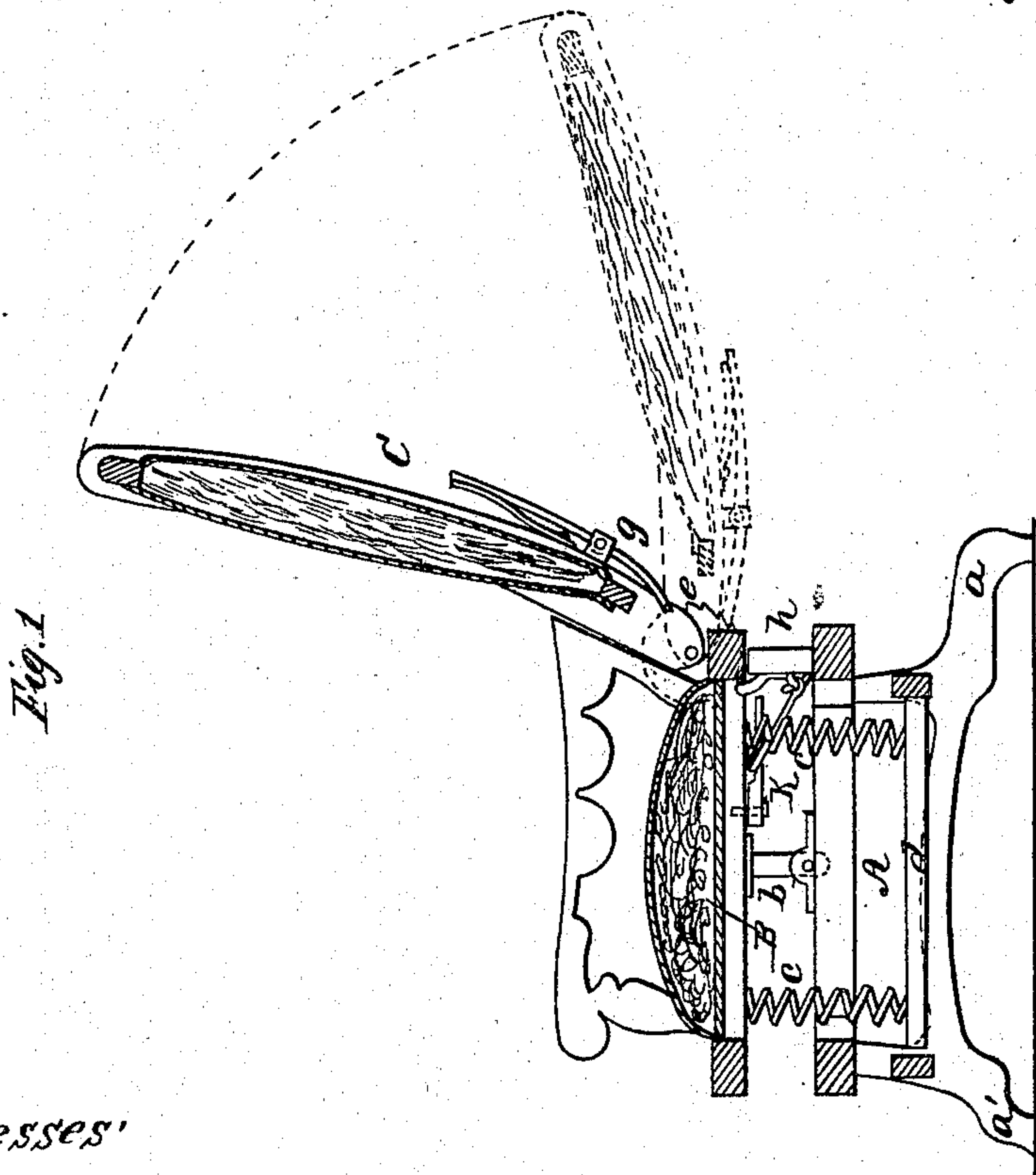
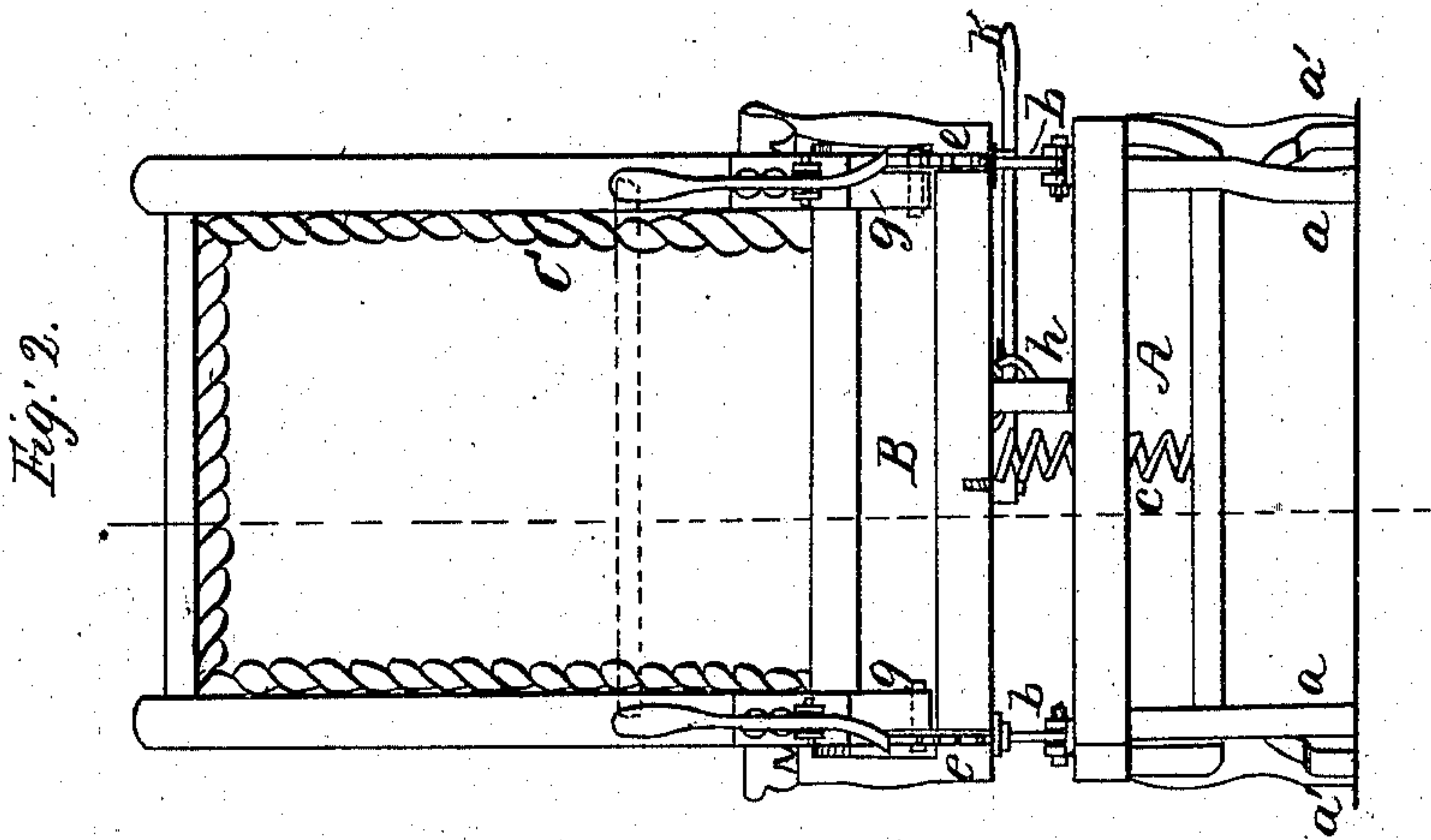


D. WITT.
ROCKING CHAIR.

No. 68,021.

Patented Aug. 20, 1867.



Witnesses:

Thos. Tucke
J. A. Scurie

Inventor:
D. Witt
Per Munn & Co
Attorneys

United States Patent Office.

DANIEL WITT, OF HUBBARDSTON, MASSACHUSETTS.

Letters Patent No. 68,021, dated August 20, 1867.

IMPROVED ROCKING-CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL WITT, of Hubbardston, in the county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Rocking-Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a vertical section of my improved rocking-chair taken in the line *x x*, fig. 2.

Figure 2 is a rear view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new and useful improvement in the construction of rocking-chairs, and consists in mounting the seat upon a stationary frame or set of legs instead of rockers, and suspending it on central pivots to have an oscillating motion, which is regulated by spiral springs under the front and rear of the seat; and also suspending the back of the chair upon pivots for raising and lowering to adjust it at different angles of inclination, in which it is held by spring-dogs working in segment-racks. By this arrangement of the seat, suspended on pivots and supported by spiral springs, the oscillation is very easy and pleasant, and long projecting rockers are dispensed with.

A rectangular supporting frame or base, *A*, is provided with legs at the four corners, the rear legs *a a* extending out further than the front legs *a' a'*. The seat *B* has strong metal side pieces, *b b*, secured to it centrally, the lower ends of which side pieces are pivoted on the frame *A* to allow the seat to oscillate forward and backward. Under the middle of the front and rear of the seat *B* are placed long and powerful spiral springs, *c c*, the lower ends of which are secured upon a centre cross-rail, *d*, of the frame *A*. When the seat *B* is moved back and forth upon its pivots, the spiral springs *c c* will support it equally, and by their action and reaction will secure an easy rocking or oscillating motion, very agreeable for a person sitting in the chair. The back *C* is pivoted upon opposite sides of the seat to segment-racks *e e*, and spring-dogs *g g* are attached to it in such a manner that they will catch in the rack and hold the seat at any desired angle of inclination, as shown clearly in fig. 1, so that the back may be adjusted to allow the person to recline more or less, as desired, for comfort or convenience. The seat may be made stationary by shifting a block, *h*, under the back part by means of a lever, *k*, thus readily converting the chair into a lounge.

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

1. The arrangement of the seat *B*, the side pieces *b b* pivoted on the base *A*, and the spiral springs *c c*, to give the seat a regular rocking or oscillating motion, substantially as herein described.
2. The segment-racks *e e* and spring-dogs *g g*, in combination with the back *C*, seat *B*, shifting-lever *k*, and block *h*, substantially as described for the purpose specified.
3. The shifting-lever *k* and block *h*, in combination with the seat *B*, arranged and operating as and for the purposes specified.

The above specification of my invention signed by me this 5th day of June, 1867.

DANIEL WITT.

Witnesses:

WM. F. McNAMARA,
ALEX. F. ROBERTS.