J. J. VOLLRATH.

Tilting-Chairs.

No. 149,550. Patented April 7, 1874.

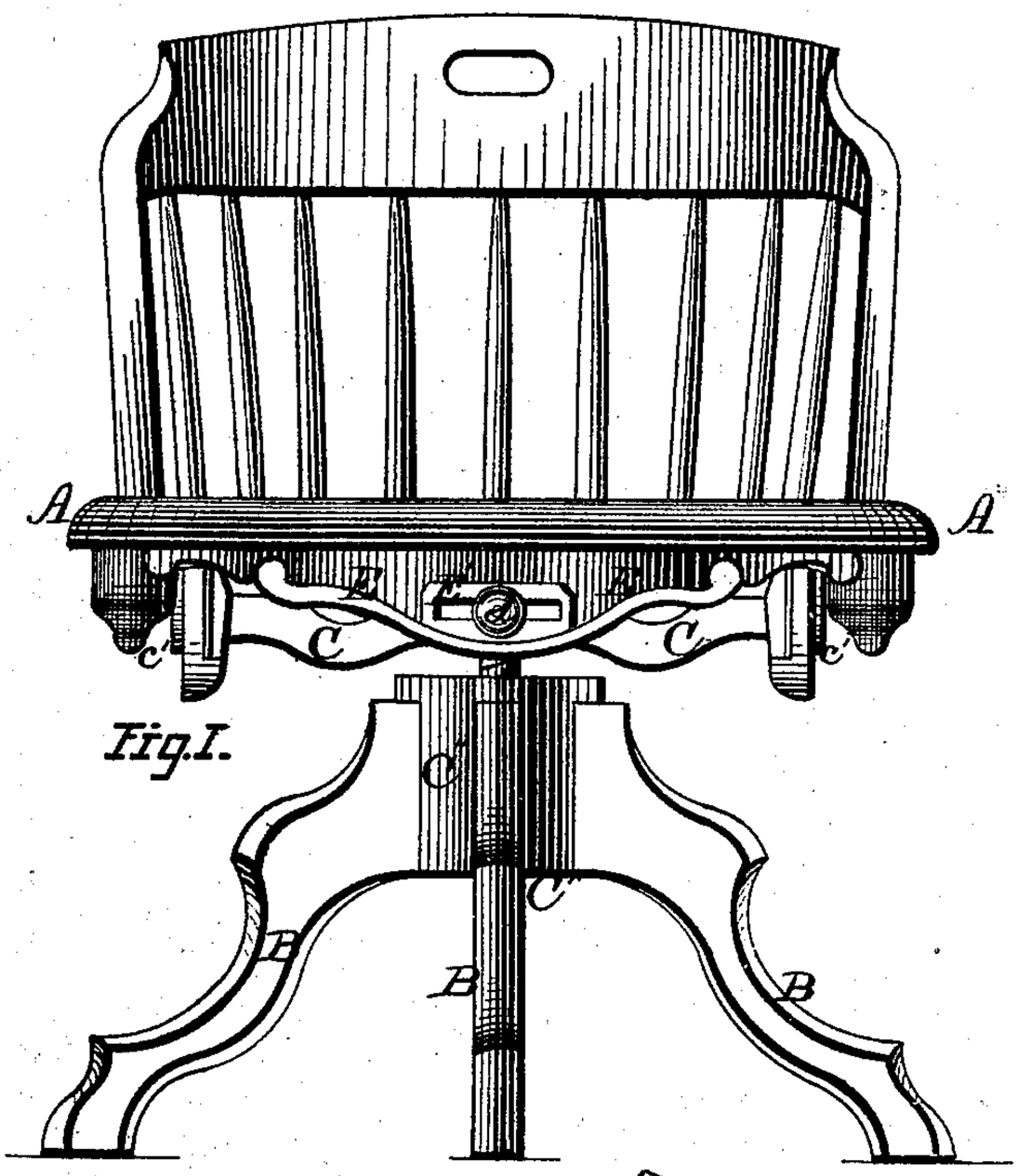

Fig. 1.

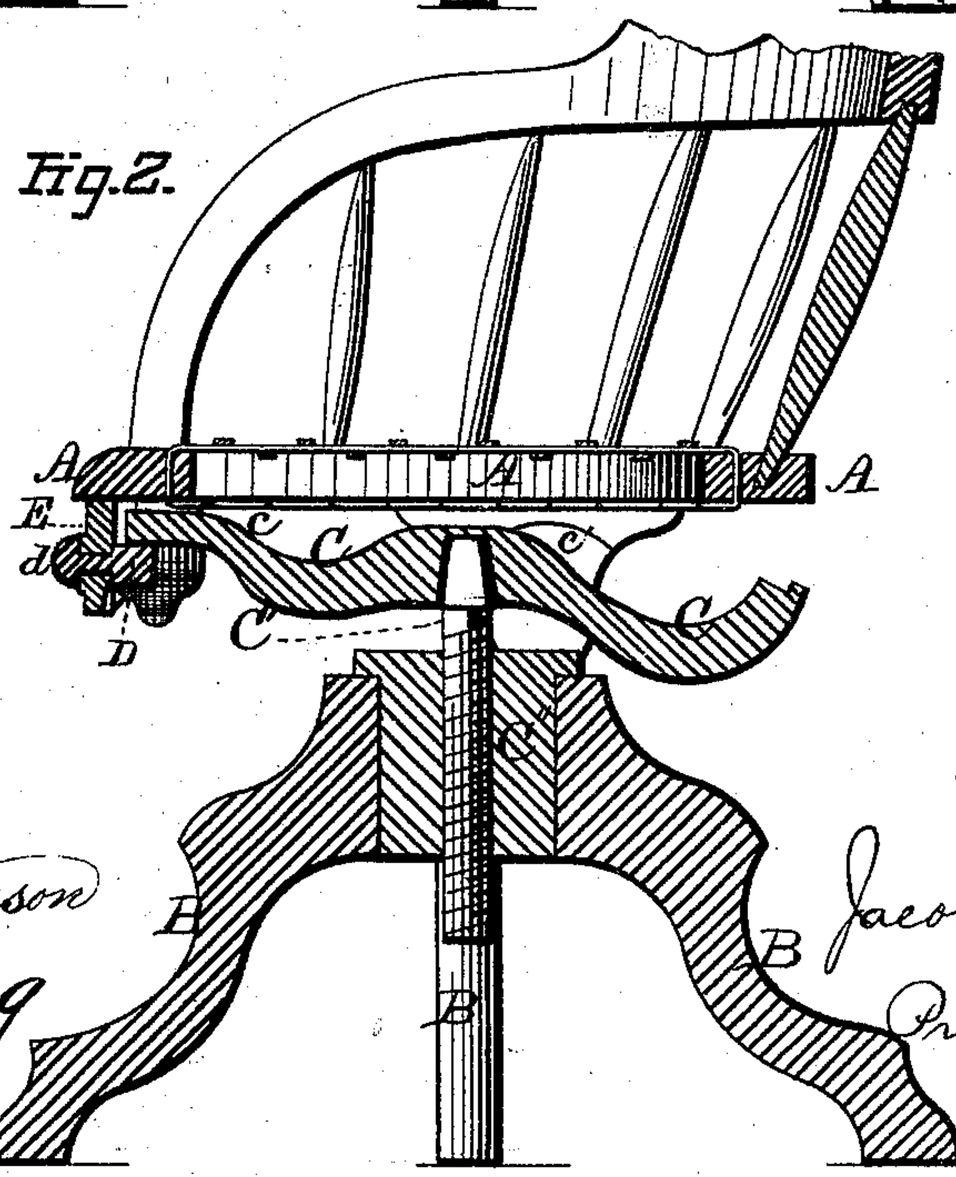

Fig. 2.

WITNESSES:

Jas. E. Hutchinson

John R. Young

INVENTOR.

Jacob J. Vollrath, by

Prindle and Co., his Attys.

UNITED STATES PATENT OFFICE.

JACOB J. VOLLRATH, OF SHEBOYGAN, WISCONSIN.

IMPROVEMENT IN TILTING CHAIRS.

Specification forming part of Letters Patent No. **149,550**, dated April 7, 1874; application filed August 21, 1873.

To all whom it may concern:

Be it known that I, JACOB J. VOLLRATH, of Sheboygan, in the county of Sheboygan and in the State of Wisconsin, have invented certain new and useful Improvements in Tilting Chairs; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a front elevation of a chair provided with my improvement, and Fig. 2 a sectional view of the same on a central line.

Letters of like name and kind refer to like parts in each of the figures.

My invention relates to the method and means by which the seat of the ordinary revolving chair may be made fast and horizontally firm, or allowed to have a tilting motion; and to this end it consists in applying a lock, catch, or spring in or upon the front part of the seat or seat-frame, which can be turned or sprung in, over, or upon one of the arms of the spider upon which the seat rests, substantially as and for the purpose hereinafter specified.

In the annexed drawing, A represents the seat or chair of any ordinary or usual construction; B, the legs; C, the spider, which supports the seat. The arms of this spider are fixed at the center to the screw C′, which turns in the nut C″. When the seat, as thus constructed and arranged, is revolved upon this screw, it may be raised or lowered, at will. In the front rail or edge E of the seat I place a lock, D. This may be located centrally or at either side; but in ordinary construction and for convenience in use, I prefer to have it near or at the center. I have found that this location will admit of the best finish of this part of the chair, and place the spring or lock in the most convenient position for use.

The lock I have shown in my drawing is but a sample or type of any convenient lock or spring that may be applied. As now illustrated, I have applied a slide lock or catch moving horizontally in the slot E′. When moved to the extreme end of this slot on one side, it passes beneath the end of the forward arm *c* of the spider C, and then the seat is allowed to turn freely on the journals on the ends of the pivotal arms *c′ c′*; but when pushed to the opposite end of this slot the slide engages with the end of the said arm *c*, and locks the seat securely in a horizontal position. The slide has a handle, *d*, projecting through the front rail of the chair, and can by this be easily reached and operated by the person sitting in the chair.

It will not change my invention in the least if I use, instead of this slide, a spring, or any of the common and well-known means for locking the arm upon the seat-front.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

In combination with the arm *c*, the lock or catch in the front bar or edge of the pivoted chair-seat, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of August, 1873.

JACOB J. VOLLRATH.

Witnesses:

FRANK GOTTSACKER,
AUGUST POTT.