G. A. Sherlock,

Piano Stool,

No. 50,042, Patented Sept. 19, 1865.

Fig 1

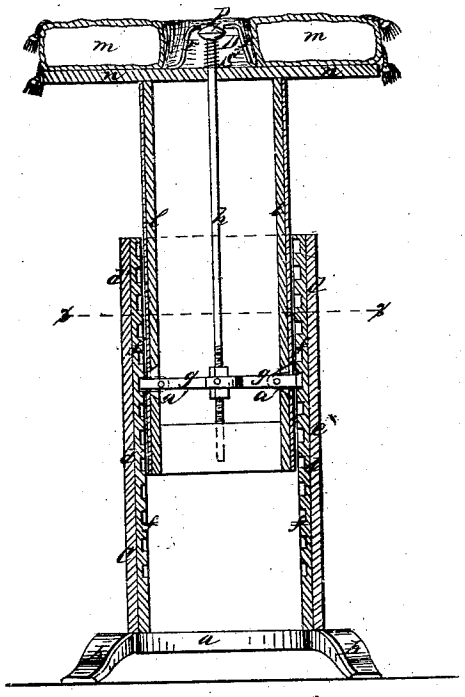
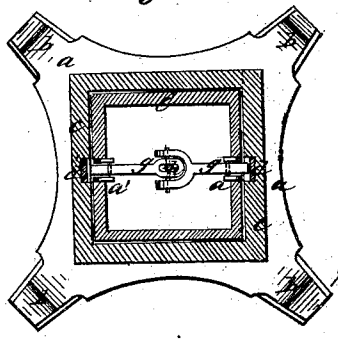


Fig 2.



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UNITED STATES PATENT OFFICE.

GEORGE A. SHERLOCK, OF NEW YORK, N. Y.

PIANO-STOOL.

Specification forming part of Letters Patent No. **50,042**, dated September 19, 1865.

To all whom it may concern:

Be it known that I, GEORGE A. SHERLOCK, of the city, county, and State of New York, have invented new and useful Improvements in Piano-Forte Stools; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists in so arranging the seat of a piano-forte stool upon its body portion that it can be readily adjusted and set at any desired height from the floor, so as to adapt it to the varying heights of the persons who use it. The manner in which I accomplish this result is represented in the accompanying plate of drawings, of which—

Figure 1 is a central vertical section of a piano-forte stool; Fig. 2, a horizontal section taken in the plane of the line *x x*, Fig. 1.

a a in the drawings represent the base of the stool slightly raised from the surface of the floor by legs *b b*. To the center of this base *a* the body *c* of the stool is secured in any proper manner, by means of glue, cement, or otherwise, in an upright position, and made either of a square, round, or other suitable shape, and ornamented, in connection with the base and legs, in any desired style of finish. This body portion *c* of the stool is made hollow, and has inserted in and attached to and upon its interior two similar rack-bars, *d d*, placed at points diametrically opposite to each other, with the notches *f* of which two catches, *g g*, turning upon fulcrum-pins *a'*, hung by their inner ends upon a common central rod, *h*, of the follower or shaft *l* of the seat *m*, engage, as plainly represented in the drawings. This rod *h* passes upward through the shaft and the top board, *n*, of the seat, and has upon its upper end, *o*, a thumb-piece, *p*, for convenience in moving the same. The upper end of the rod is protected by a guard, *r*, of the seat, made of the proper shape to allow the fingers to readily grasp its thumb-piece, while at the same time when a person is sitting on the stool it cannot be in the least degree affected thereby, the seat being upholstered in any of the ordinary styles and modes.

When desired to raise or lower the seat, first depress the rod by bearing down upon its thumb-piece, which consequently causes the catches to be withdrawn from the rack-bars of the body, thus leaving the seat free to be raised or lowered, as may be desired, and to any height whatsoever, by grasping the guard with the remaining fingers of the hand, and when at the proper height the catches are caused to again interlock with the rack-bars by means of the spiral spring S wound around the rod in the proper manner to so operate the same, the hand first, however, having been removed from the thumb-piece.

From the above description it is obvious that the seat can be readily raised or lowered, according as may be desired, and in a quick and expeditious manner, without the tedious operation of being obliged to turn the seat by means of a screw-shaft, as has heretofore been the case, the disadvantages of which have been long known and experienced.

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

1. Arranging the seat of a piano-forte stool upon its body in substantially the manner described and for the purpose specified.

2. In combination with the above, the use of the guards *r r*, for the purpose explained.

The above specification of my invention signed by me this 6th day of July, 1865.

GEO. A. SHERLOCK.

Witnesses:

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