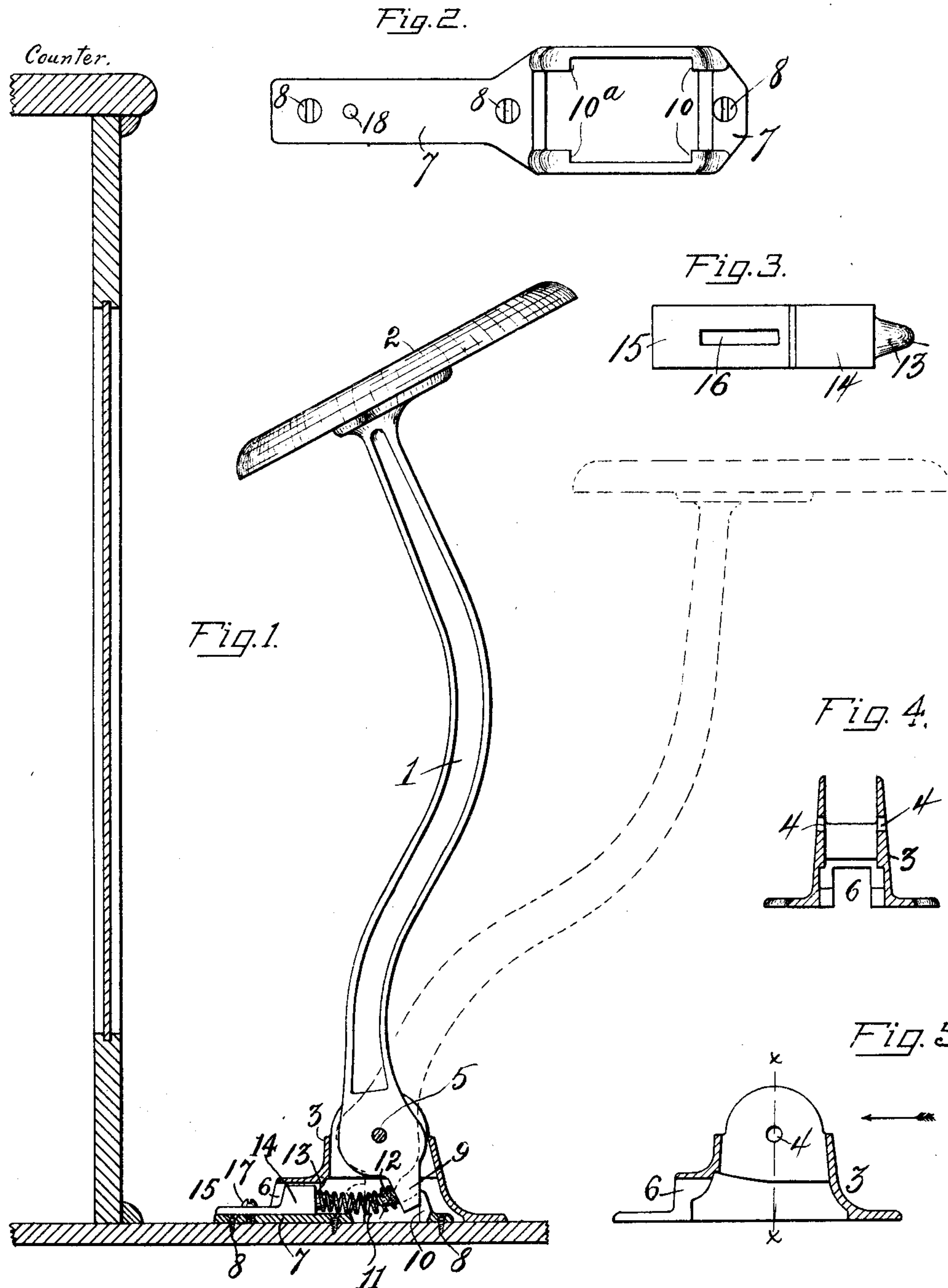


No. 791,268.

PATENTED MAY 30, 1905.

J. JAMESON.
AUTOMATIC STORE STOOL.
APPLICATION FILED FEB. 25, 1905.



WITNESSES:
L. M. Thompson.
M. L. Marks.

INVENTOR:
Joseph Jameson,
J. M. Hall, Atty.

UNITED STATES PATENT OFFICE.

JOSEPH JAMESON, OF TOLEDO, OHIO, ASSIGNOR TO FRANK YESBERA,
OF TOLEDO, OHIO.

AUTOMATIC STORE-STOOL.

SPECIFICATION forming part of Letters Patent No. 791,268, dated May 30, 1905.

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To all whom it may concern:

Be it known that I, JOSEPH JAMESON, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Automatic Store-Stools; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of seats
15 known as automatic counter-stools, the one leg of the stool being pivotally supported upon the floor and having a spring to hold the pivoted stool against or near to the counter when unoccupied.

20 My invention is designed more particularly to provide means for adjusting the tension of the spring which controls the position of the stool-leg, to provide stops to limit the movement of the stool-leg, which stops shall be
25 independent of the floor-plate upon which the stool-leg is pivoted and which stops may be adjusted independently of the floor-plate, to provide a construction in which the spring above referred to shall be entirely concealed
30 and protected, and to provide novel and efficient means for securing the spring against displacement. I attain these objects by means of the devices and arrangement of parts hereinafter described and shown, and illustrated in
35 the accompanying drawings, in which—

Figure 1 is a side elevation of my stool, showing the counter, floor-plate, and stop-plate hereinafter referred to in section and showing the seat in dotted lines in position
40 for use; Fig. 2, a top plan view of the stop-plate hereinafter referred to detached; Fig. 3, a top plan view of the spring adjusting-piece hereinafter referred to; Fig. 4, a central transverse section of the floor-plate, and
45 Fig. 5 a central longitudinal sectional elevation of the same.

Like numerals of reference indicate like parts throughout the drawings.

In the drawings, 1 is a stool-leg having secured to its top in any desired manner and 50 in operative relation a seat 2.

3 is a recessed floor-plate secured to the floor by screws and into the hollow of which projects the lower end of the leg 1. Through the sides of the recess of the floor-plate and 55 transversely through the leg near its lower end are coincident holes 4, through which passes a pivot-pin 5, upon which the lower end of the stool-leg is pivoted and swings. In the side of the floor-plate next to the counter is an opening 60 or cut-away portion 6, in which is a flat plate 7, which rests upon and is secured directly to the floor independently of the floor-plate by means of screws 8.

Projecting downwardly from the lower end 65 of the stool-leg is a lug 9, which when the stool is swung toward the counter engages shoulders 10 upon the plate 7 and which when the stool-leg is swung into position for occupancy, as indicated by the dotted lines 70 in Fig. 1, engages shoulders or stops 10^a on the plate 7. It will be seen that the shoulders 10 10^a form stops which limit the throw of the stool-arm in both directions.

11 is a coiled spring, one end of which encir- 75 cles and engages a spur 12, projecting from the side of the lug 9, the other end of the spring engaging in the same manner a spur 13 on the end of a block 14, having a flat extension 15. In this extension is a slot 16, through which 80 passes a set-screw 17 into a screw-hole 18 in plate 7. The block 14 rests upon the top of the plate 7 and by means of the set-screw 17 in the slot 16 is adjustable toward and away from the spring 11. It will be seen that the 85 tension of the spring 11 may be regulated by moving the block 14 into the desired position and then securing it by means of the set-screw 17.

My stool is assembled by first fastening the 90 plate 7 to the floor. The plate 3, with the leg 1 and pivot 5 in place, is next moved to exactly the position required to insure the co-operation of the shoulders 10 10^a with the lug 9 at the proper points, and the plate 3 is then 95 secured to the floor by screws or otherwise.

The spring 11 is now inserted through the opening 6, so that the inner end of the spring encircles the spur 12. The block 14 is next inserted into the opening 6, with the spur 13 engaging the outer end of the spring 11. Block 14 is pushed inwardly far enough to give the spring exactly the right tension and is then secured in position by means of the set-screw 17. Now the stool will when unoccupied be forced by the spring to the position shown by the solid lines in Fig. 1, and when the stool is occupied it is moved with the hand or foot into position indicated by the dotted lines in Fig. 1. When the sitter arises, the stool is automatically moved by the spring out of the way. Should the spring become weakened, its tension may be quickly adjusted, and if it is broken it can be readily replaced by merely removing the block 14 and without disturbing any other part of the device. If the stool is to be used as a stationary stool, the block 14 may be moved into

such position that the spring becomes inoperative.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A stool comprising a recessed floor-plate, a stool-leg pivoted at its lower end upon said floor-plate and having at its upper end a seat, an extension upon the lower end of the leg, a plate having shoulders which form stops for said extension, an adjustable member, means for securing said member in adjusted position, and a spring in the recess of the floor-plate engaged with said leg extension and with said adjustable member.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH JAMESON.

Witnesses:

P. E. SCHILLING,

E. C. R. ELLSWORTH.