No. 891,143. PATENTED JUNE 16, 1908.

C. A. BURNS.

STOOL.

APPLICATION FILED SEPT. 5, 1907.

Fig. 1.

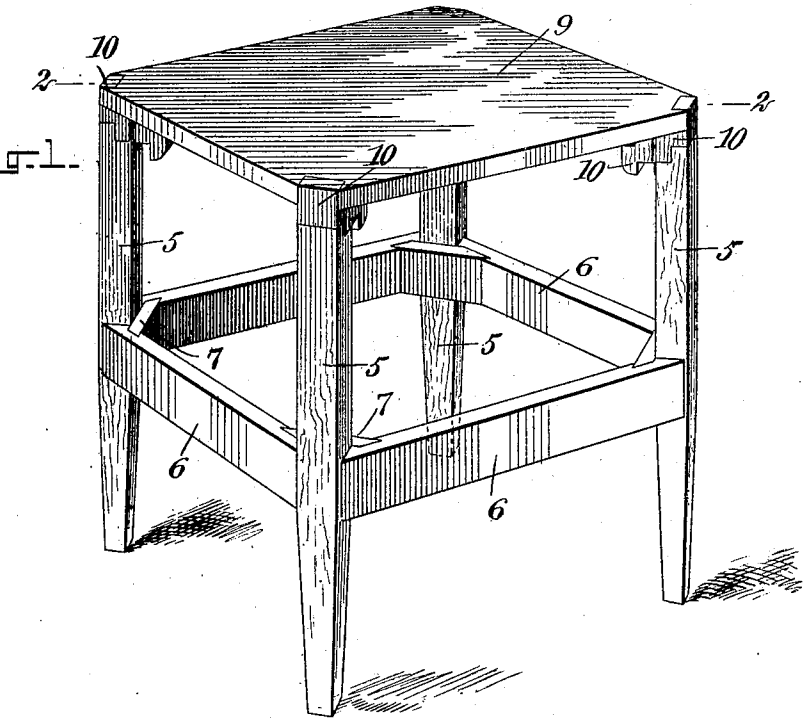


Fig. 2.

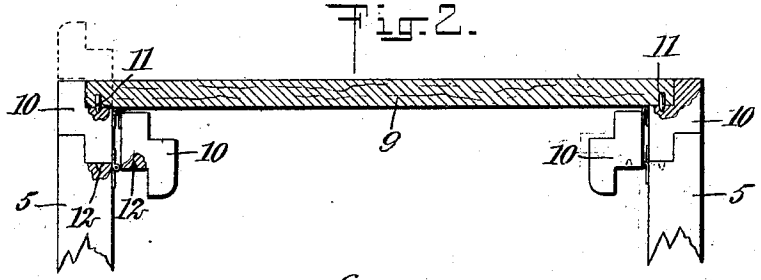


Fig. 3.

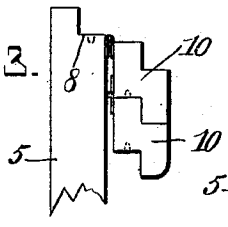
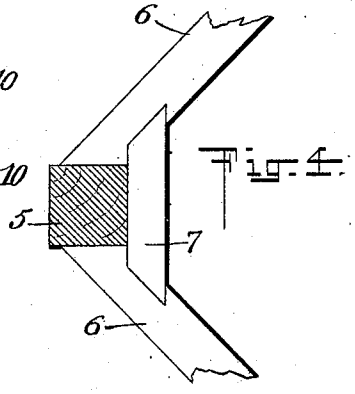


Fig. 4.



WITNESSES

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STOOL.

No. 891,143. Specification of Letters Patent. Patented June 16, 1908.

Application filed September 5, 1907. Serial No. 391,457.

To all whom it may concern:

Be it known that I, CHARLES A. BURNS, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented new and useful Improvements in Stools, of which the following is a full, clear, and exact description.

This invention has reference to improvements in stools more especially designed as a piano stool, and has for an object primarily to provide for the convenient adjustment of the stool seat to the desired elevation without rendering said seat shaky or insecure. This object I accomplish by providing each leg of the stool with a succession of blocks hinged thereto and hinged to each other, each block having projecting portions at opposite ends fitting into counterpart portions of adjacent blocks, and a seat adapted to rest directly on the legs or rest on the corresponding blocks of the legs.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a stool complete, embodying my invention. Fig. 2 is a fragmentary sectional view substantially on the line 2—2 of Fig. 1; Fig. 3 is a side view of the upper end of one of the stool legs; and Fig. 4 is a cross-section of one of the legs, illustrating the manner in which it is braced.

The stool shown on the accompanying drawing includes four legs 5 which are diagonally arranged at the corners of the stool and are rigidly connected at an intermediate point of their length by cross-bars 6, the latter being reinforced by diagonally disposed braces 7 which, as best shown in Fig. 4, are in close contact with the inner faces of the legs and are mortised into the bars 6.

The top of each of the legs 5 is rabbeted at its inner edge to form a shoulder 8 on which a seat 9 for the stool is adapted to bear when said seat is at its minimum height.

Adjacent to the shoulder 8 on the inner face of each leg is hingedly connected one or more stepped or Z-shaped blocks 10, the said blocks being also likewise hinged together, each being a counterpart of the rabbeted portion of the leg and of each other, whereby they may be successfully turned into alinement with the legs and form an extended portion thereof, thus adapting the seat to be supported at substantially any desired elevation. The blocks when turned into alinement neatly fit one within the other, by which I mean that the projecting portions at the opposite ends of each block fill in the removed or rabbeted portions of the adjacent blocks.

As shown, the corners of the seat 9 are notched for receiving the outer extended portions of the legs 5 or blocks 10, which prevents lateral displacement of the seat when in operative position. The seat is further held against displacement when resting on the legs or blocks by projections or pins 11, the said pins being arranged on the under face of the seat adjacent to the corners, and are received in corresponding recesses 12 formed in the rabbeted or depressed portion of each block and in each leg.

While I have shown my improvement applied to a stool, more particularly constructed as a piano stool, it is obvious that the same may be applied to chairs, etc., and the number of legs increased or diminished as desired; also various other changes may be made in the detailed construction of the stool within the scope of the invention as defined in the claims annexed.

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

1. A stool comprising a plurality of legs rabbeted at their upper ends adjacent to the inner edges, providing shoulders, a seat adapted to be seated on said shoulders having notches for receiving the extended portions of the legs, and a succession of stepped blocks hinged to each leg and to each other for extending the length of the legs and varying the elevation of the seat.

2. A stool comprising a plurality of legs, each of which is rabbeted at its upper end adjacent to the inner edge, providing a shoulder, a seat adapted to be seated on the shoulders of the legs having notches for receiving the extended portions thereof, and projections on the under face of the seat adapted to engage corresponding recesses formed in the shoulders for the purpose described.

3. An article of furniture comprising legs adapted to support a seat and having their upper ends rabbeted, and a plurality of substantially Z-shaped blocks fitting one within the other hinged to each leg and hinged together, adapted to be successively turned

into alinement with the leg and provide an extension therefor in varying the elevation of the seat.

4. An article of furniture having legs rabbeted on their top inner edges providing shoulders, a seat having notches for receiving the projecting portion of the legs and adapted to seat on the shoulders, and a block in connection with each leg having the opposite ends thereof rabbeted at reverse edges, whereby it is adapted to provide an extension for the leg in elevating the seat.

5. An article of furniture comprising legs each having a succession of blocks hinged together and hinged to the upper end of the leg, each block having projecting portions at its opposite ends fitting into counterpart portions of adjacent blocks, and a supporting member adapted to rest directly on the legs or rest directly on any of the corresponding blocks of the legs.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES A. BURNS.

Witnesses:

BENJAMIN COHN,

ARTHUR CAMERON.