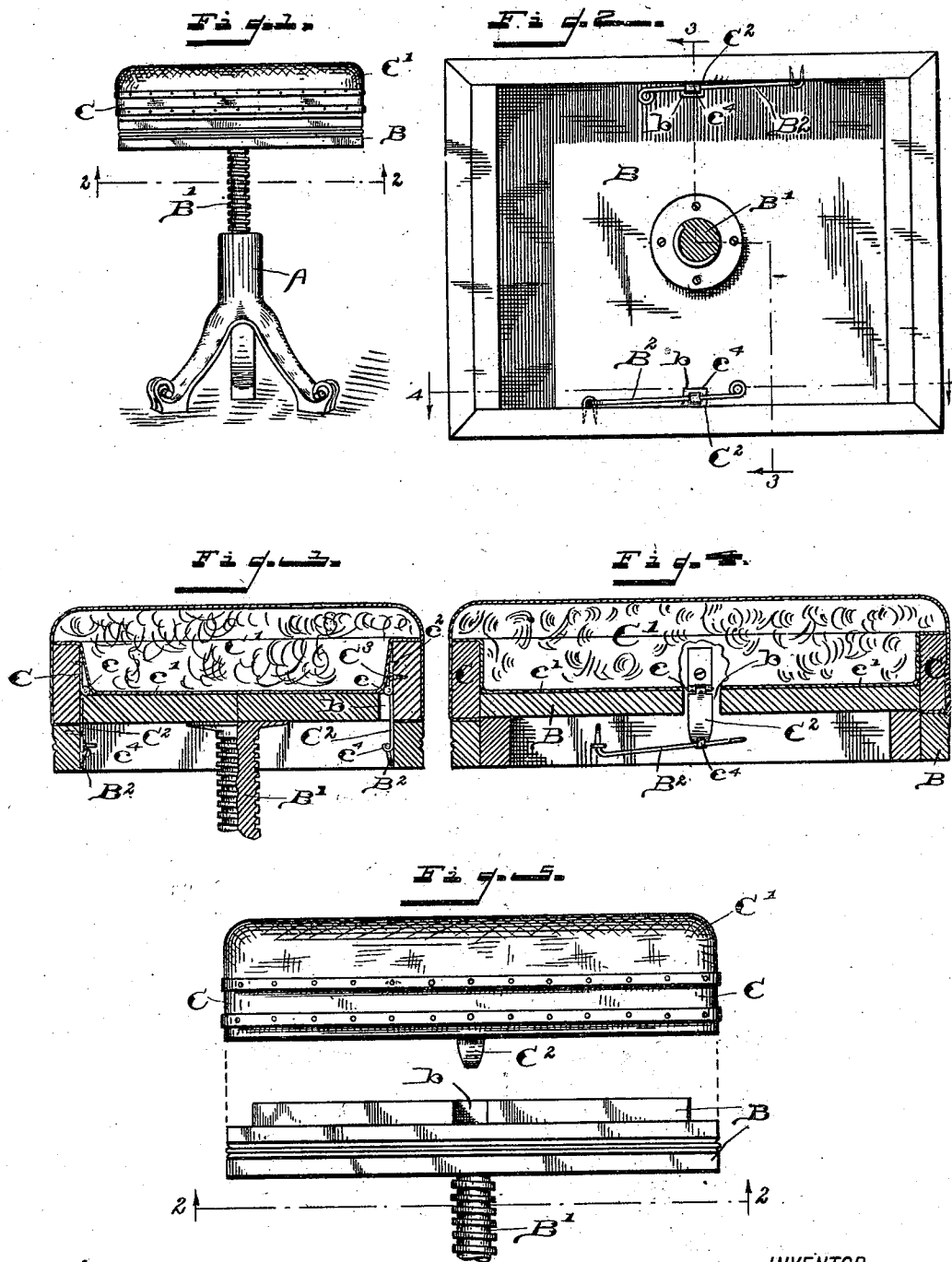


(No Model.)

J. DIERDORF.
PIANO STOOL.

No. 502,069.

Patented July 25, 1893.



WITNESSES:

J. H. Warner
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UNITED STATES PATENT OFFICE.

JOHN DIERDORF, OF INDIANAPOLIS, INDIANA.

PIANO-STOOL.

SPECIFICATION forming part of Letters Patent No. 502,069, dated July 25, 1893.

Application filed July 26, 1892. Serial No. 441,237. (No model.)

To all whom it may concern:

Be it known that I, JOHN DIERDORF, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Piano-Stools, of which the following is a specification.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a view of a complete piano stool; Fig. 2, an under side plan view of the top as seen from the dotted lines 2 2; Fig. 3, a transverse sectional view on the dotted line 3 3 in Fig. 2; Fig. 4, a detail sectional view when looking from the dotted line 4 4, and Fig. 5 a view of the seat and the frame top, separated.

In said drawings the portions marked A represent the base of an ordinary piano stool; B the frame top, carried by the screw, and C my removable upholstered seat. The base A is or may be of any ordinary or desired form or construction. It has no peculiar relation to my present invention, and is shown only for the purpose of illustrating the construction. The top frame B has the screw B' secured thereto in the ordinary manner, which screw enters the screw-threaded socket or nut in the base A, as is usual. Upon the inner opposite sides of this frame top are secured the spring catches B², which form a part of my invention. Upon the upper surface of this top the upholstering of the seat rests, when the said seat is in place. The seat consists of a frame C upon which is secured the upholstering C', which is attached thereto in any ordinary or desired manner. Commonly, this is a plain rectangular frame, open at the bottom and top, and as the upholstering, with the weight of the person sitting thereon, bears upon the upper surface of the top B when in place, the upholstering is only held in place by means of a cloth bottom c' secured therein in appropriate position to come in contact with said upper surface of the top when put in place. The lower edge of this frame C preferably shuts down over the edge of the board forming the main part of the top B, and

is thus held for lateral movement. Secured within this frame C are the projections which engage with the catches on the frame top and are preferably metal straps C² which extend down through holes b, to the under side of the top B, where they are secured by the spring catches, as will be presently described. These projections may be secured to the frame C of the seat in any desired manner, but are preferably held thereto by a screw C³, and a projection c² formed integrally with the upper portion thereof. These projections have also, preferably, hinge-joints c, so that the lower portions may be easily folded within the structure, when the seat is removed from the frame top, and thus leave no projections to interfere with proper packing for shipment or other handling. The lower portions of said projections are formed to engage with the catches attached to the top B, which, as above stated, are the springs B². To most conveniently make the attachment by means of said springs, said lower portions are bent into the form of hooks, as c⁴, which conveniently receive said springs as shown. I regard the construction and arrangement herein illustrated and described as a superior one for the purpose, as the springs will not only admit of a ready removal and attachment, but will, by their spring force, hold the parts from looseness and rattling, as well as provide for varying thicknesses of the edges of the upholstering, which are usually extended around the lower edges of the frame C, between it and the adjacent edges of the frame top B. As will be observed most clearly by an examination of Fig. 2, one spring is attached on one side, and the other on the other side, or one to the right and the other to the left of the projections or metal strips C². This I have done so that the springs shall all be alike, avoiding the usual right-hand and left-hand construction which requires two sets of formers in manufacture.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, in a piano stool, of a top, and an upholstered portion or seat having projections extending down through openings

in said top to underneath the same, and there
bent up into the form of hooks, and two spring
catches attached to said top one to each side
of the frame thereof, the point of attachment
5 of one being to the right and the other to the
left of the projection, and which engage with
said hook portions.

In witness whereof I have hereunto set my
hand and seal, at Indianapolis, Indiana, this
22d day of July, A. D. 1892.

JOHN DIERDORF. [L. s.]

Witnesses:

CHESTER BRADFORD,
J. A. WALSH.