

(No Model.)

W. T. SMITH.
SECTIONAL PIANO.

No. 560,656.

Patented May 26, 1896.

Fig. 1

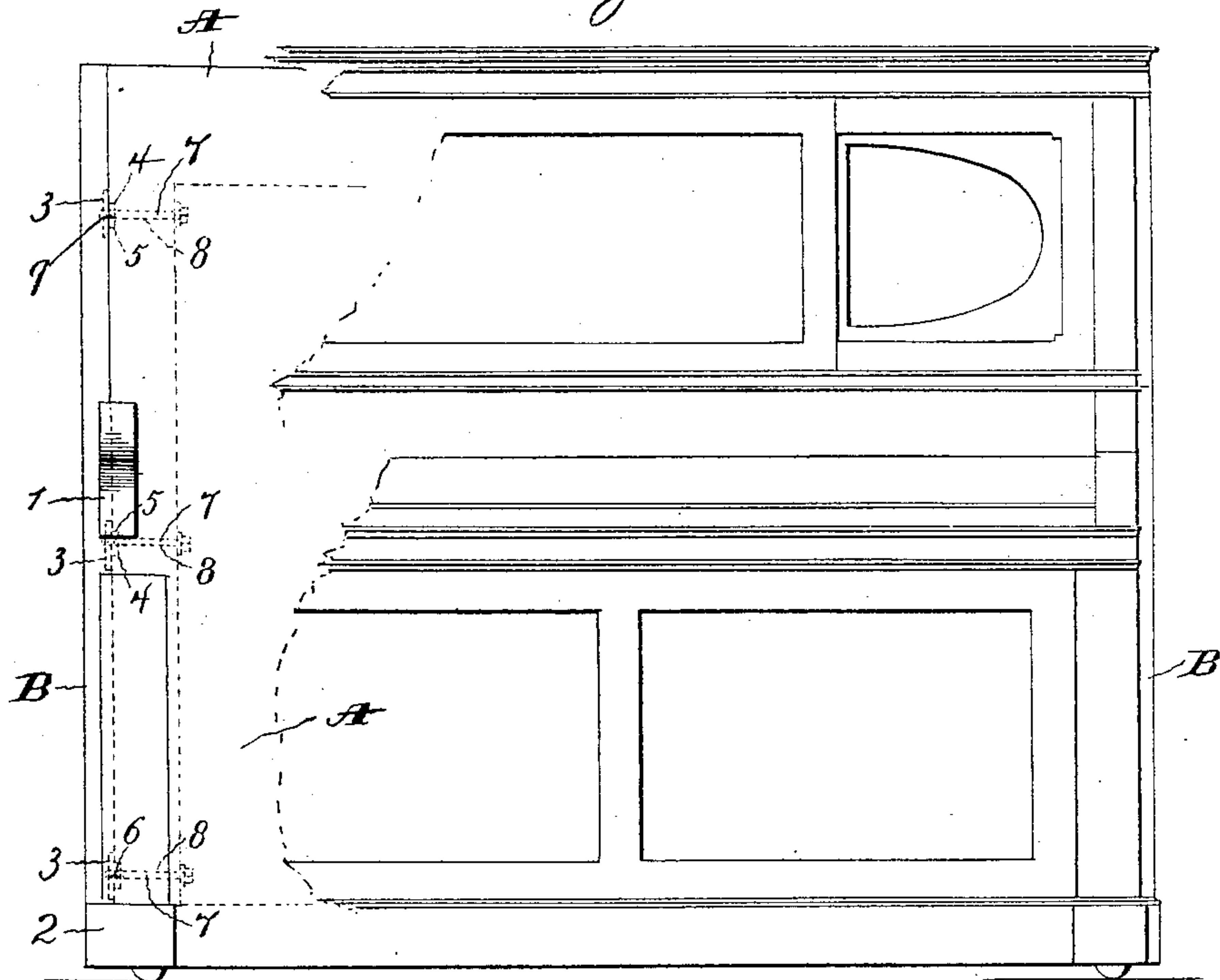


Fig. 2

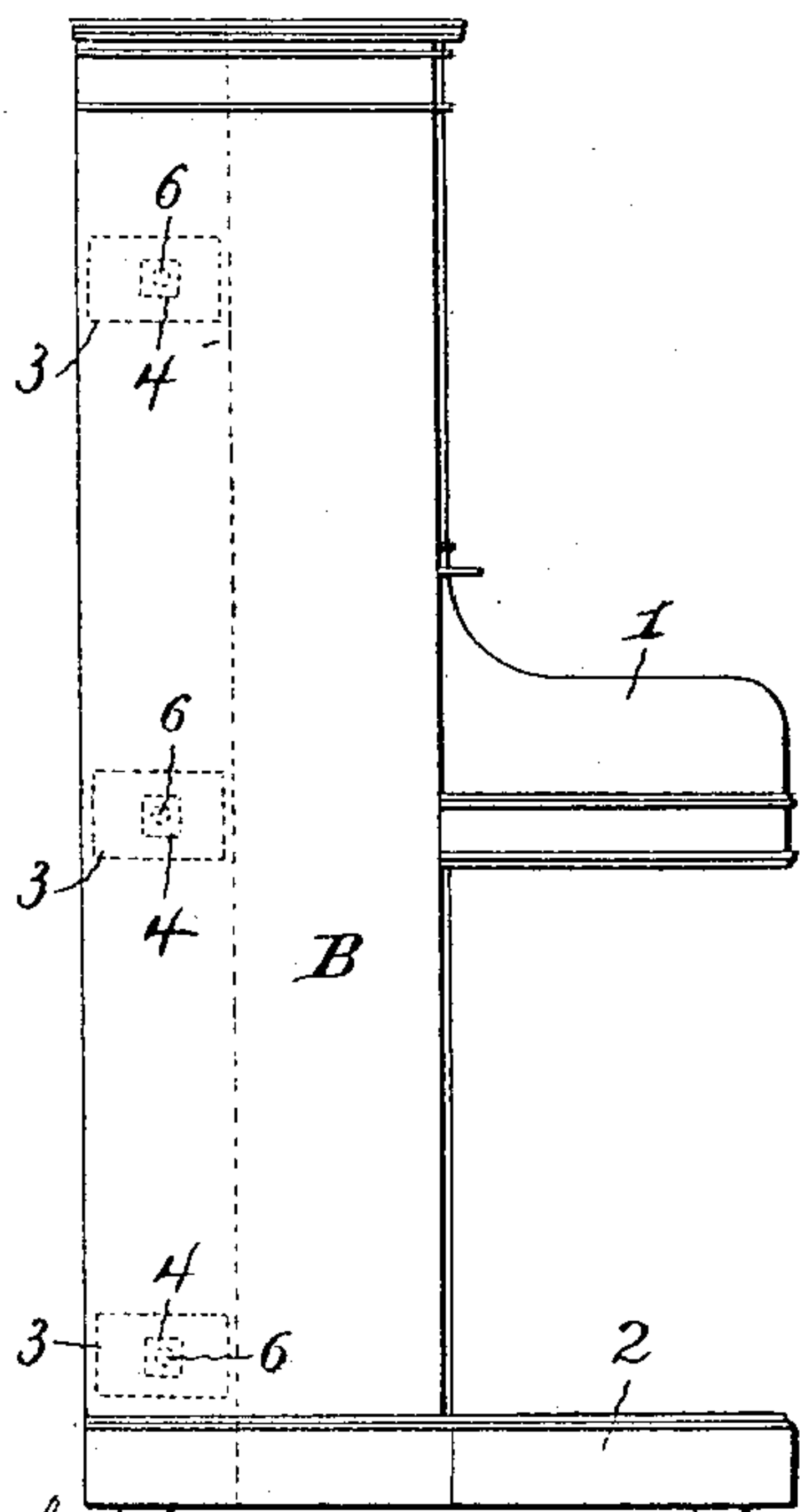
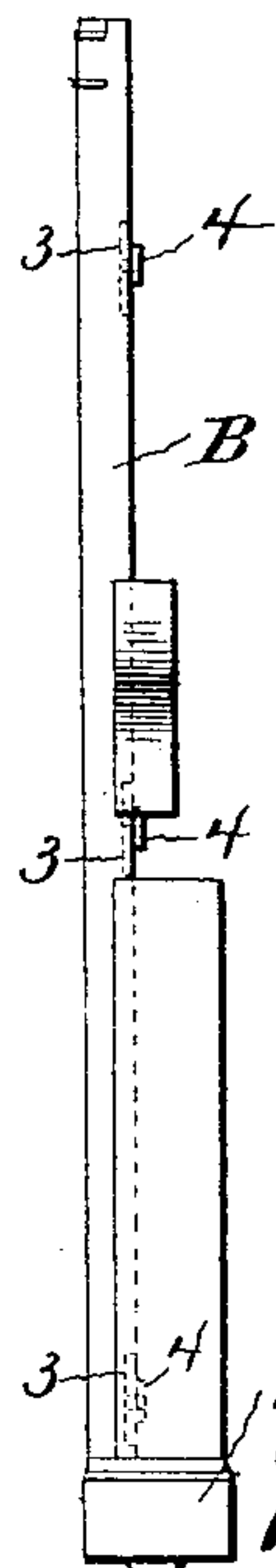


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM T. SMITH, OF BALTIMORE, MARYLAND, ASSIGNOR TO THE WM. KNABE & CO. MANUFACTURING COMPANY, OF SAME PLACE.

SECTIONAL PIANO.

SPECIFICATION forming part of Letters Patent No. 560,656, dated May 26, 1896.

Application filed September 16, 1895. Serial No. 562,703. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. SMITH, of Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Sectional Pianos; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in sectional pianos, the object being to provide means for effectually dismantling an upright piano so as to leave no lateral projections, such as the arms or feet, to form obstructions to the passage through a doorway, hall, or stairway; and it consists in certain novel features of construction and combinations of parts which will be hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in front elevation, a part of the front of the piano being removed to show the back of the frame or case. Fig. 2 is a view in side elevation of one of the detachable sides, and Fig. 3 is a front view of one of these sides.

A represents the back frame of the piano body or case, and B B are the sides. The sides are just alike, and each comprises the main upright, the arm 1, and the foot 2. These three parts are all in one piece, they being either integral or secured together, as the case may be, so that when the sides are removed the arms and feet are removed at the same time. As a convenient means of securing these sides to the frame the inner face of each of these sides is provided with the plates 3 3, which are secured by screws or otherwise. These plates have the angular projections 4 projecting therefrom, and sockets 5 5 are formed in the outer side edges of the frame to receive these projections. In the center of each projection a threaded hole 6 is formed, and a bolt 7 is inserted through each hole 8 opening into the sockets 5 5, and its threaded

end 9 screws into the threaded hole 6, the bolt being turned from its head on the inside end. Three or more of these bolts may be employed. When these bolts are screwed up tight, the sides become as rigid as any other part of the frame or case, and they are in no danger of working loose due to moving the piano or the natural vibration of the piano resulting from playing it. In addition to the sides, including the arms and feet, being removable of course the keyboard and other parts which have hitherto been detachable in other upright pianos are also removable in this piano, so that the width may be reduced half or to that of the side uprights, which renders it possible for this piano to be carried straight into the narrowest doorway, through the narrowest hallway, or up or down any staircase without difficulty or the further dismemberment of the parts of the piano.

It is evident that some slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth; but,

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

The combination with the back frame of a sectional-piano case, and removable ends, of plates secured to the removable ends and provided with projections which enter recesses in the back frame, and bolts passed through the back frame and screwed into the plates on the ends, substantially as set forth.

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

WILLIAM T. SMITH.

Witnesses:

VERNON E. HODGES,
GEO. F. DOWNING.