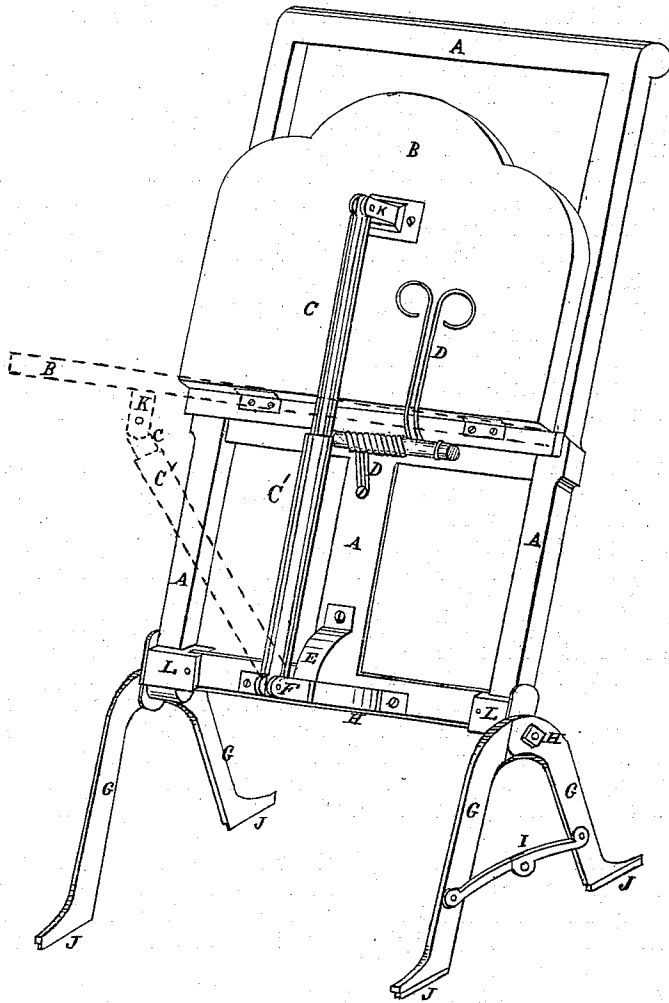


JOHN L. KAPPLE.

Improvement in Seats for Halls, Churches, &c.

No. 127,891.

Patented June 11, 1872.



WITNESSES:

C. P. Blood
John G. Hallock

INVENTOR:

John L. Kapple

UNITED STATES PATENT OFFICE.

JOHN L. KAPPLE, OF ERIE, PENNSYLVANIA.

IMPROVEMENT IN SEATS FOR HALLS, CHURCHES, &c.

Specification forming part of Letters Patent No. 127,891, dated June 11, 1872.

To all whom it may concern:

Be it known that I, JOHN L. KAPPLE, of Erie, in the county of Erie and State of Pennsylvania, have invented a new and Improved Seat for Halls, Churches, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and the letters of reference marked thereon, the same forming a part of this specification.

The nature of my invention consists in providing a chair or seat for halls, churches, &c., which is portable, and which may be folded up, so as to be more compact for storing, and, also, which is so constructed that the seat-board, when unemployed, is thrown up against the back by spring-work, thus leaving more room between the rows of seats for persons passing between them.

The letters of reference indicate parts as follows: A is the chair-frame. B is the seat of the chair. C and C' is the brace which supports the seat. D is a spring, which throws the seat, when unoccupied, up against the back. E is a bracket-frame, supporting the end of the brace C C'. F is the joint of the brace C C'. G G G G are the legs. H is the rod on which the legs are hung. I is a jointed brace holding the legs open. J J are the feet. K is a stud, which supports, and on which is jointed, the brace C C'. L is a metallic casting, which adds strength to the lower joints of the frame A, and to which the legs are partially attached by the rod H.

The following is a full description of the construction of my invention, and from which those skilled in the construction of such articles can learn how to construct the same.

The frame-work A is first constructed; this is similar to an ordinary chair. The seat-board is then hung to the frame by hinges. The brace C C' consists of a tube, C', and rod C working within the same. The accompanying drawing shows the brace at full length, or in its idle position, the seat being thrown up. The dotted lines show the seat down, and the brace C C' thrown together, or in working position. The ends of the brace are jointed at K and at F. The spring D is an ordinary coil-wire spring, and is used to throw the seat up when unoccupied.

I believe that this operation of the adjusta-

ble seat-board is now fully explained. The device may be used for bracket-seats—attached to the ends of church-pews and on the wainscoting. I also design this device to be used in operating the door to a bracket writing-desk. The legs are constructed in about the shape shown, and are jointed at the top with a half shoulder-joint, the rod H acting as a bolt. The brace I is jointed on the side of the legs and in the middle. This, when the legs are spread apart, holds them in position. The feet J J J J are constructed so as to fit clamps or shoes attached to the floor, and thus holding the chair solid when in use. One pair of legs in the drawing is shown with brace I, and the other not. This is to show that their use is not always intended, as their use is not essential. When the legs are drawn together the feet slip out of the shoes on the floor, and the chair can be removed from the room and stored. These seats may be constructed in sets of six or more, or less, as desired, forming a kind of pew. In that case the rod H is extended from one to another through the set, and binds them well together, and on the inner chairs of the set only one pair of legs is used, and those in the middle of the frame. Of course the application of my device is varied, such as to church-pews, concert-hall seats, school-desks, bracket side-table for dining-rooms, bracket writing-desks, and, in fact, to any chair or table which is designed to be thrown up out of the way when unoccupied.

What I claim as new is as follows:

1. The combination of the jointed seat-boards B with the spring D and the brace C C', as shown and described, for the purposes set forth.
2. The jointed legs G G G G with feet J J J J, constructed and operated as herein set forth.
3. The frame A, seat-board B, in combination with the brace C C' and spring D, as shown and described.
4. The legs G G G G and brace I, in combination with the rod H, frame A, and casting L, as shown and described.

JOHN L. KAPPLE.

Witnesses:

E. R. BLOOD,
JNO. K. HALLOCK.