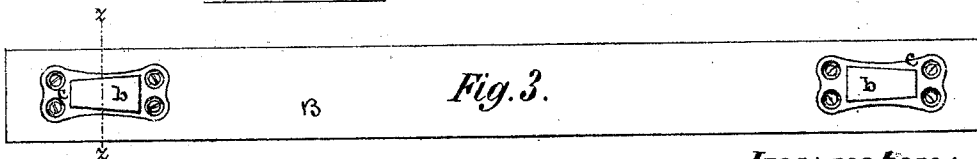
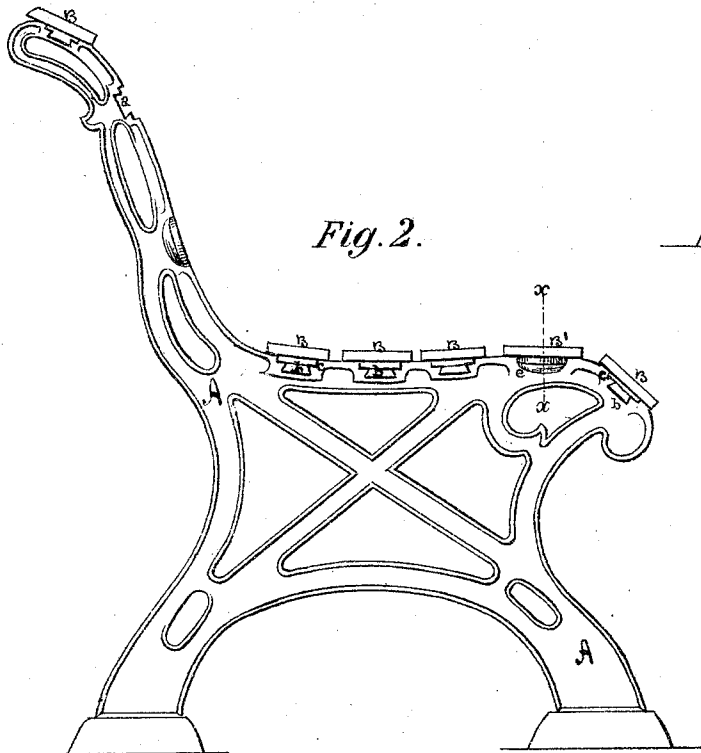
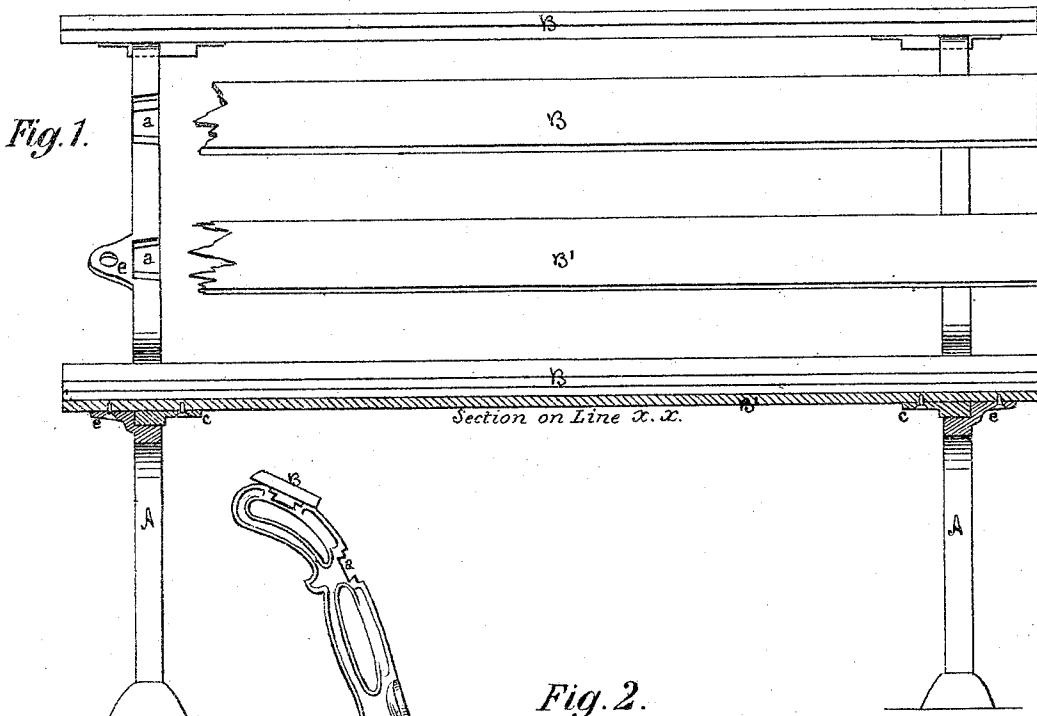


ALBERT G. HAWKES. Improvement in Rustic Seats.

No. 118,802.

Patented Sep. 12, 1871.



Witnesses:
Fred. Artois.
Ewell A. Dick.

Inventor:
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UNITED STATES PATENT OFFICE.

ALBERT G. HAWKES, OF BALTIMORE, MARYLAND, ASSIGNOR TO D. L. BARTLETT AND H. W. ROBBINS, OF SAME PLACE.

IMPROVEMENT IN RUSTIC SEATS.

Specification forming part of Letters Patent No. 118,802, dated September 12, 1871.

To all whom it may concern:

Be it known that I, ALBERT G. HAWKES, of the city and county of Baltimore and State of Maryland, have invented a new and useful Improvement in Rustic Settees, of which the following is a specification:

The object of my invention is to construct a rustic settee of wooden slats and iron end supports, which may be readily taken apart for transportation and as readily put together for use. It relates to an improvement in the combination of the slats and end supports; and consists in forming wedge-shaped dovetail recesses in the edge of the end supports to receive wedge-shaped keys secured to the under sides of the slats at either end thereof.

Figure 1 is a longitudinal section through one of the slats of my improved settee, giving a front elevation of the back of the settee, with two of the slats broken away to expose the recesses in the end support. Fig. 2 is an end view of the settee. Fig. 3 is a view of the under side of one of the slats with keys attached. Fig. 4 is a transverse section through the slat and key in the line *z z* of Fig. 3.

A A are the end supports of my improved settee. These are made, by preference, of cast-iron. *a a*, Fig. 1, are recesses, formed in the upper edges of the end supports. These recesses are dovetailed, as illustrated in Fig. 2 of the drawing, and wedge-shaped, as illustrated in Fig. 1, the narrower part of the recess being at the outer side of the support. B B B are wooden slats, to form the seat and back of the settee. *b b* are metallic keys, (see Figs. 2, 3, and 4,) cast upon plates *c c*, and which are secured by screws to the under side of each slat near each end thereof. The keys *b b* are of a wedge-shape and dovetailed to form a counterpart of the recesses *a a* in the edges of the end supports. They are secured to

the slats with their narrower ends outermost, as shown in Fig. 3. The wedge-shaped dovetailed recesses *a a* in the end supports are cut through from side to side of the upper edges thereof, excepting only one on the seat portion thereof and one in the back. These exceptional recesses extend from the inner sides of the end supports, but a small distance across the same, and lugs *e e*, Figs. 1 and 2, are cast to project in a line therewith from the outer edge of the support to receive screws, by which the slats B', secured by these partial recesses, are fastened, as illustrated in Fig. 1 of the drawing.

The similar parts of the settee, viz., the slats and the two end supports, are made alike, so as to be interchangeable, and all the parts for a number of settees may be packed and transported indiscriminately.

When ready to be put together the two end pieces are selected and the slats quickly secured by inserting their wedge-shaped keys into the recesses of the supports, and, after driving the end supports inward toward each other, inserting screws through the offsets or lugs *e e* into the ends of the two slats B' B' in the seat and back covering of the same. The settee thus formed is made at a comparatively low cost, is neat, strong, and easily taken apart and put together for transportation.

I claim as my invention—

The combination of slats B B, fitted with wedge-shaped dovetail keys *b b*, with end supports A A having dovetailed wedge-shaped recesses formed in the upper edges thereof, substantially in the manner and for the purpose herein set forth.

ALBERT G. HAWKES.

Witnesses:

W. S. WILKINSON,
E. L. BARTLETT.