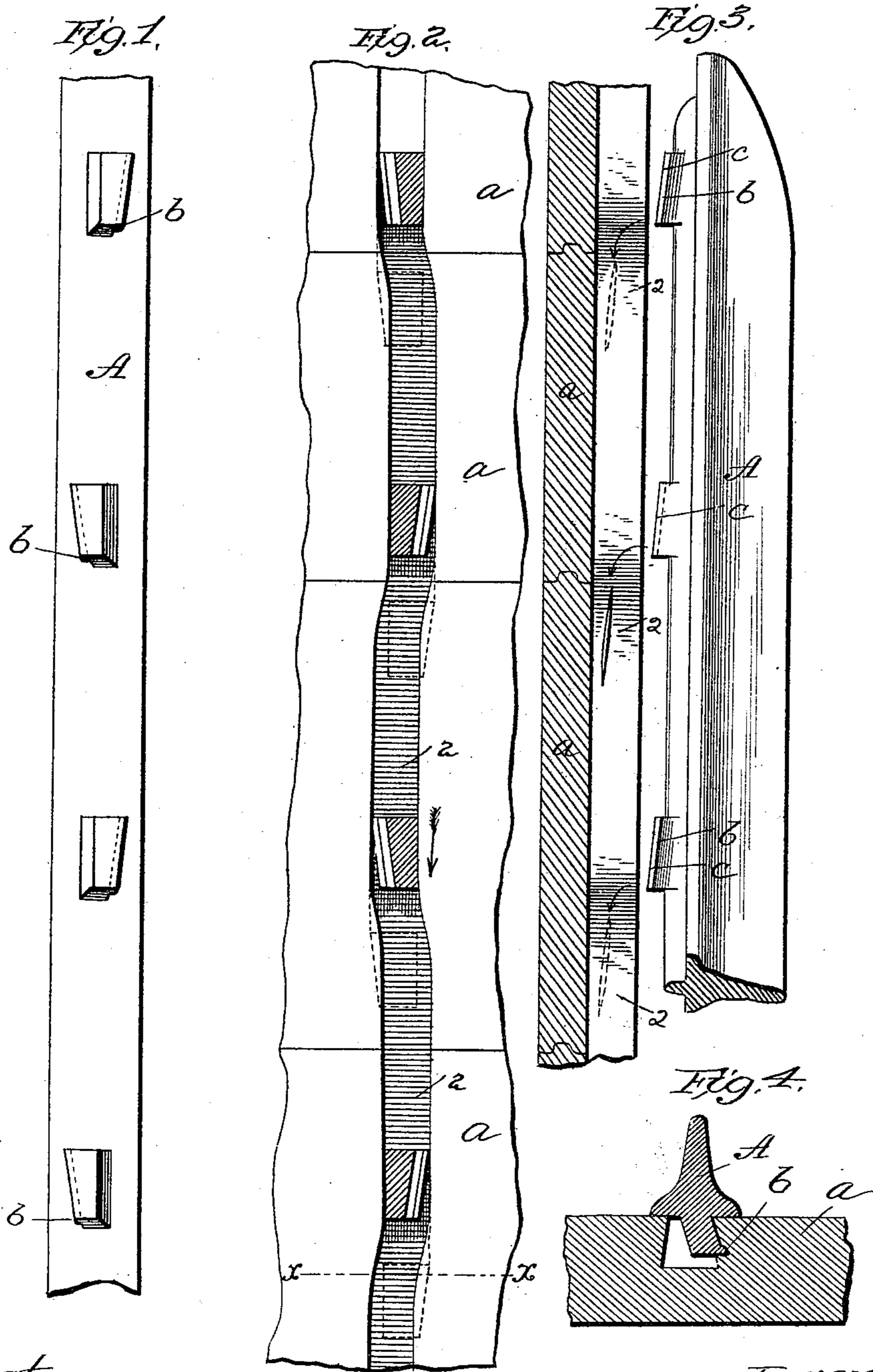


(No Model.)

S. W. PEREGRINE.  
FASTENING FOR SLATTED FURNITURE.

No. 436,259.

Patented Sept. 9, 1890.



Attest  
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# UNITED STATES PATENT OFFICE.

SEYMOUR W. PEREGRINE, OF GRAND RAPIDS, MICHIGAN.

## FASTENING FOR SLATTED FURNITURE.

SPECIFICATION forming part of Letters Patent No. 436,259, dated September 9, 1890.

Application filed February 19, 1890. Serial No. 341,090. (No model.)

*To all whom it may concern:*

Be it known that I, SEYMOUR W. PEREGRINE, of Grand Rapids, in the county of Kent and State of Michigan, have invented a  
5 new and useful Improvement in Fastenings for Slatted Furniture; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improvement in fastening devices for slatted furniture, and relates  
10 to that class in which a metal bar is used and the slats connected to it by means of wedge-shaped projections formed as a part of the bar to engage with corresponding grooves  
15 made in the series of slats which are to be held together.

My invention consists of a fastening-bar for slatted furniture having upon one of its faces a series of projections which are adapted to engage with grooves formed in the slats,  
20 each of said projections having a straight side and an inclined side, and alternating in position as to the side having the inclination, so as to securely lock the slats together upon the bar.

In the accompanying drawings, Figure 1 represents an elevation of the locking-bar, showing the projections. Fig. 2 shows a section through the slats with the bar in place;  
30 and Fig. 3 is a modification, showing also a section through the slats. Fig. 4 is a cross-section on line *xx* of Fig. 2.

In the drawings the slats shown at *a* are of ordinary form, the desk or seat back being  
35 composed of a series of these slats secured together; and the object of the present invention is to provide means to hold them together, so as to prevent displacement, in a secure manner and by very simple locking  
40 devices.

It is desirable at all times to reduce the weight of the metal used in connection with slatted furniture, and I have therefore aimed in the present invention to reduce this amount  
45 to a minimum.

The locking-bar in Fig. 1 is shown at *A*. It is provided on one face, which is made flat, with a series of projections, each of these projections approximating the form of a di-

vided wedge, and alternating in position in regard to the inclined side. Heretofore full  
wedges have been used, engaging with corresponding slots in the slats, and in a patent of the United States granted to me on the 5th  
day of November, 1889, No. 414,573, I have  
55 shown a form of skeleton wedge; but in the present case I use one half of the wedge in one position, and a suitable distance from this I utilize another half, these wedges, as I have said, being reversed in position. The  
60 wedges on their inclined sides are cut under, so as to form an overhanging lip *b*, and on the straight edges the wall of the wedge inclines downwardly, so as to cause the projections to stand inclined to the flat surface of  
65 the bar. A corresponding groove 2 is formed in the connecting-slats, and the projections are adapted to register with this groove and then to be driven home, causing the overhanging portions of the wedges to wedge  
70 first upon one side and then upon the other, on account of the wedges being alternately placed in this position, and thus each slat is tightly held by one or more of the projections. The tops of the wedges are inclined,  
75 as shown at *c*, and as the overhanging portion *b* follows this inclination it will be seen that as the projections are driven home they are not only wedged in from side to side, but a drawing action is imparted, and thus the slats  
80 and the bar are caused to come together very closely.

In the modification shown in Fig. 3 the wedges are the same and the action is the same. The only difference between the bar  
85 shown in this figure and that first described is the rib *d*, which extends between the wedges and aids to strengthen and support them.

I claim as my invention—

1. A fastening device for slatted furniture, 90 consisting of a bar *A* and a series of lugs having one side straight and the other inclined, the said lugs alternating in position as to the inclined side, and having their inclined sides cut under toward the face of the  
95 bar, substantially as described.

2. A fastening device for slatted furniture, consisting of a bar *A* and a series of lugs

having one side straight and the other inclined, the said lugs alternating to right and left as to the inclined side, and having their inclined sides cut under and their straight  
5 faces inclined to the plane of the bar, substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

SEYMOUR W. PEREGRINE.

Witnesses:

CHARLES A. RENWICK,  
C. H. FREER.