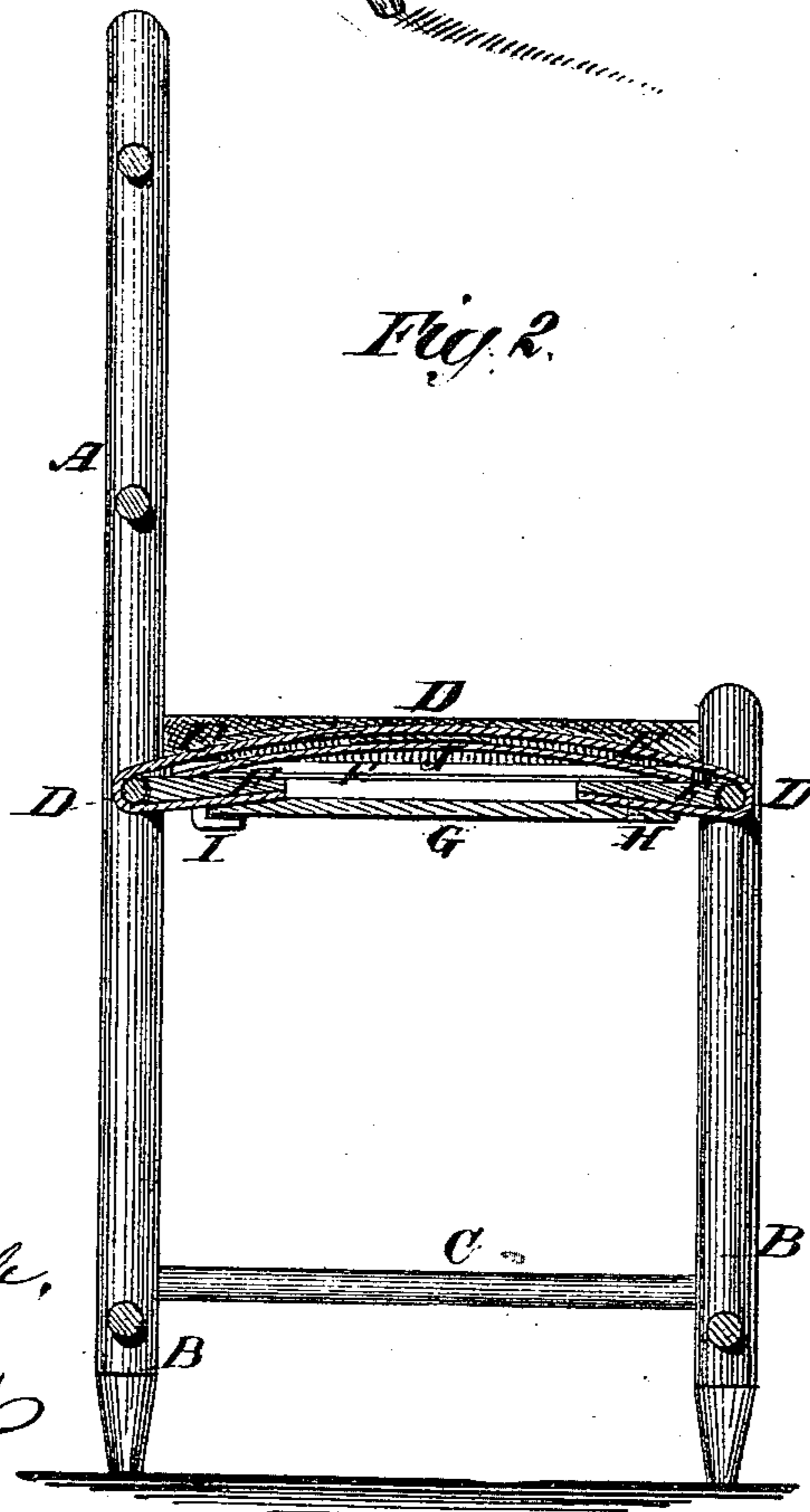
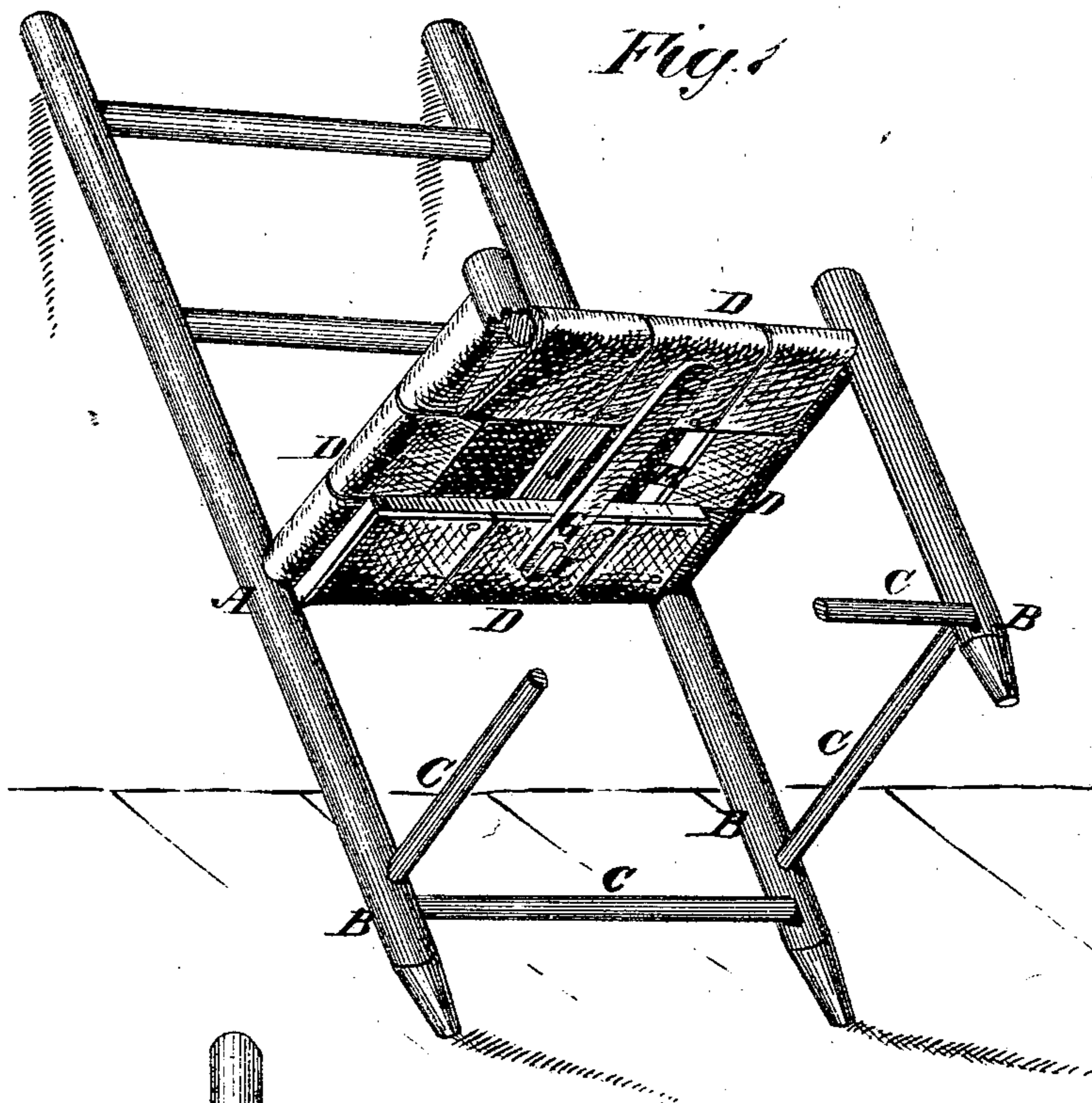


W. W. St. JOHN.  
Detachable Seat for Chairs.

No. 165,516.

Patented July 13, 1875.



WITNESSES:  
O. M. Arde,  
A. J. Terry

INVENTOR:  
W. W. St. John  
BY  
Munn & Co.  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM W. ST. JOHN, OF PISGAH, MISSOURI.

## IMPROVEMENT IN DETACHABLE SEATS FOR CHAIRS.

Specification forming part of Letters Patent No. **165,516**, dated July 13, 1875; application filed  
March 29, 1875.

*To all whom it may concern :*

Be it known that I, WILLIAM W. ST. JOHN, of Pisgah, Cooper county, Missouri, have invented a new and useful Improvement in Detachable Seats for Chairs, &c., of which the following is a specification :

This invention relates to the construction of seats for chairs, stools, settees, &c., and consists in the manner of fastening the same.

Figure 1 is a perspective view of a chair having a seat made and fastened according to my invention, and Fig. 2 is a vertical side section of the same.

Similar letters of reference indicate corresponding parts.

A represents the chair. B are the legs, and C the stretchers. D represents a round on each side of the chair, which connects the legs, and to which the seat is attached. E is the seat or chair-bottom. This bottom may be made of any suitable material, as leather or cloth straps, or of webbing. This material is interlaced, as seen in the drawing, and strained over the rounds in each direction. To each of the four different sides of the seat is attached a slat of wood or other material, F, the outer edges of which are grooved and made to bear against the rounds D, and the bottom is made of such a size that when the slats are turned inward, as seen in the drawing, the outer edges bear against the rounds, and strain the seat to any desired degree of tension. To keep the two lower slats in position (the two upper slats being

kept by the lower) I apply a removable cross-bar, G, to one of the slats by a pivot-fastening at one end, as seen at H, and a hook at the other end, as seen at I.

By slipping the bar from the hook I, the bottom is loosened and may be removed from the chair.

To give the seat the required degree of stiffness and elasticity, but more especially for giving the seat the proper crown, I apply a bow-spring, J, made of steel or any suitable material, the ends of which rest on the two lower slats, as seen in Fig. 2.

By this mode of constructing chair-seats it will be seen that the seat may be at any time removed and replaced by another of a different style of goods.

This invention is applicable to settees, stools, and bed-bottoms, as well as to chairs, the advantages of which will be readily understood by all.

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

1. A seat of a chair, stool, or settee, strained and made detachable by means of slats F, substantially as described.

2. The cross bar G, connected with lower slats by a pivot-fastening at H and a hook at I, as and for the purpose specified.

WILLIAM W. ST. JOHN.

Witnesses:

JOHN WEBER,  
W. N. SCHOLL.