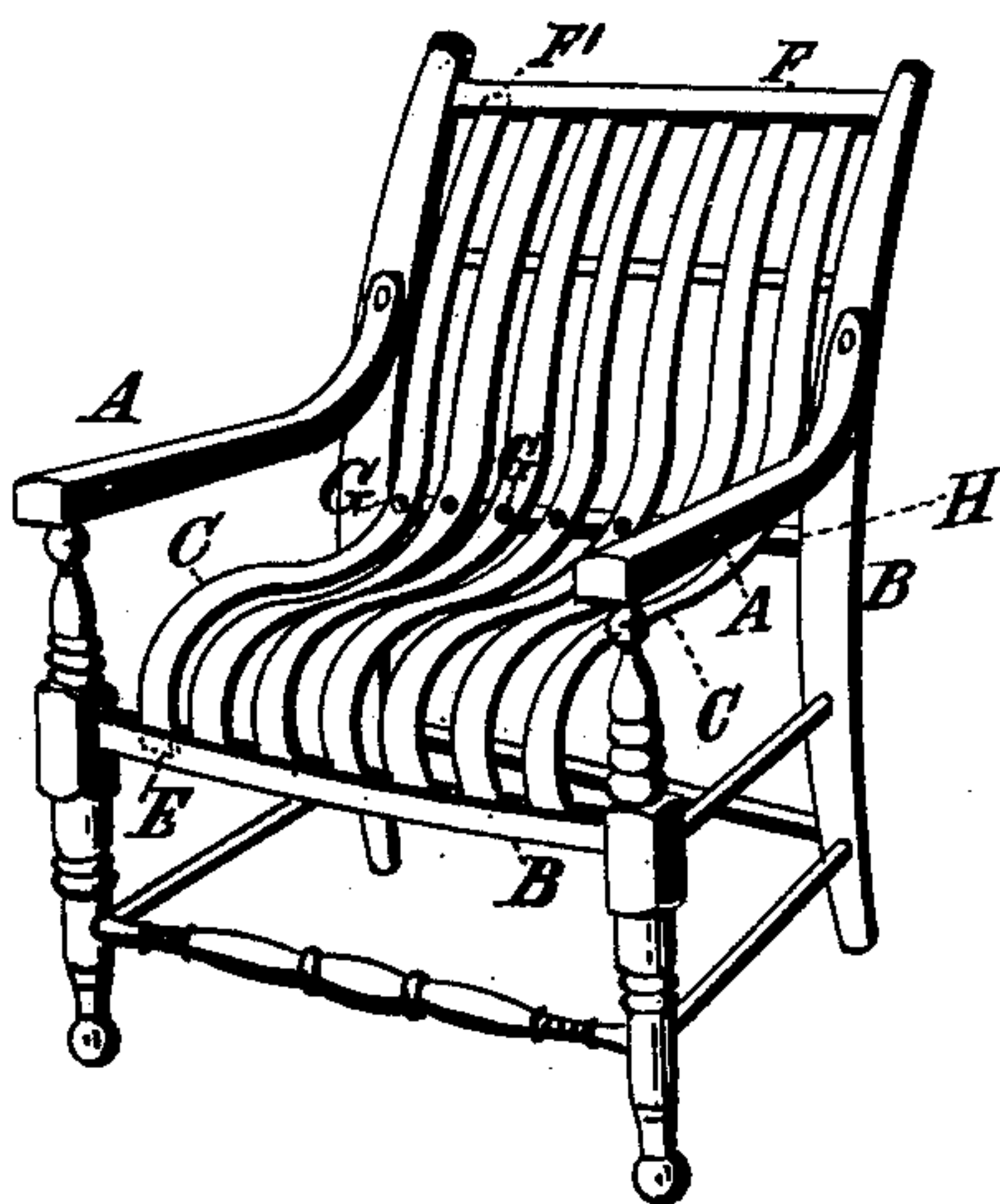


J. HESS.  
CHAIRS.

No. 190,967.

Patented May 22, 1877.



Witnesses,  
*E. P. Sticker*  
*Amos W. Sangster*

Inventor,  
*Jacob Hess.*  
Per. *James Sangster*  
*att'y.*

# UNITED STATES PATENT OFFICE.

JACOB HESS, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF HIS  
RIGHT TO LEONARD WHITE, OF SAME PLACE.

## IMPROVEMENT IN CHAIRS.

Specification forming part of Letters Patent No. **190,967**, dated May 22, 1877; application filed  
March 12, 1877.

*To all whom it may concern:*

Be it known that I, JACOB HESS, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Chairs, which improvement is fully set forth in the following specification and accompanying drawing, which is a perspective view, showing my invention complete.

The object of my invention is to produce a light, strong, durable, and cheap spring-bottom chair; and it consists of a chair having the seat and back formed of a series of bent single strips, the ends forming a part of the seat being each fitted into a mortise in a bar at the front of the chair, and the opposite ends each fitted into a bar forming the top of the back, the part of said strips forming the back part of the seats being firmly fastened to a cross-bar by screws, or other equivalent means, as will be better understood by reference to the said drawing.

A represents the arms; B, the back framework, all of which are made of bent wood, bent in the usual manner.

The strips forming the elastic or spring seat

and the back are represented by the letters C. They are steamed and bent to the proper form, substantially as shown, for making a spring-seat, and are fastened to the front bar D by being fitted into the mortises E. The opposite ends are secured in a similar manner to the cross-bar F at the top of the back of the chair at F'.

The letters G represent screws for holding said strips C to the cross-bar H. Bolts, rivets, or pins may be used as equivalents, in place of the screws G, if desired; and, if required, the ends of the strips in the bars D and F may also be fastened in a similar way by screws or pins.

I claim as my invention—

As an article of manufacture, a chair having a spring-seat, and a back formed of a series of single bent strips, C, having their ends fastened to the cross-bars D and F, substantially as specified, and secured to the cross-bar H by screws G, as described.

JACOB HESS.

Witnesses:

JAMES SANGSTER,  
WM. S. GROSVENOR.