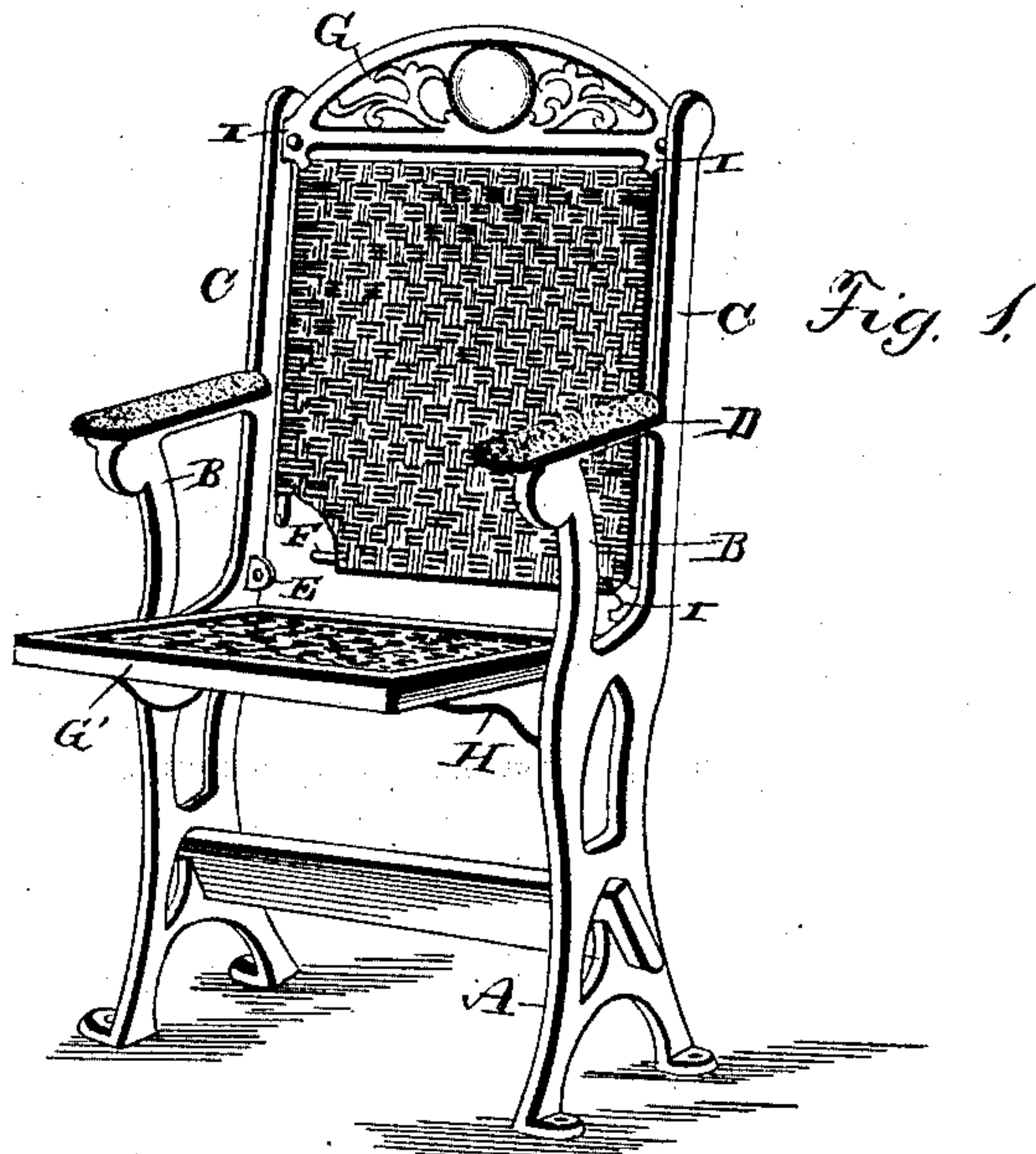


(No Model.)

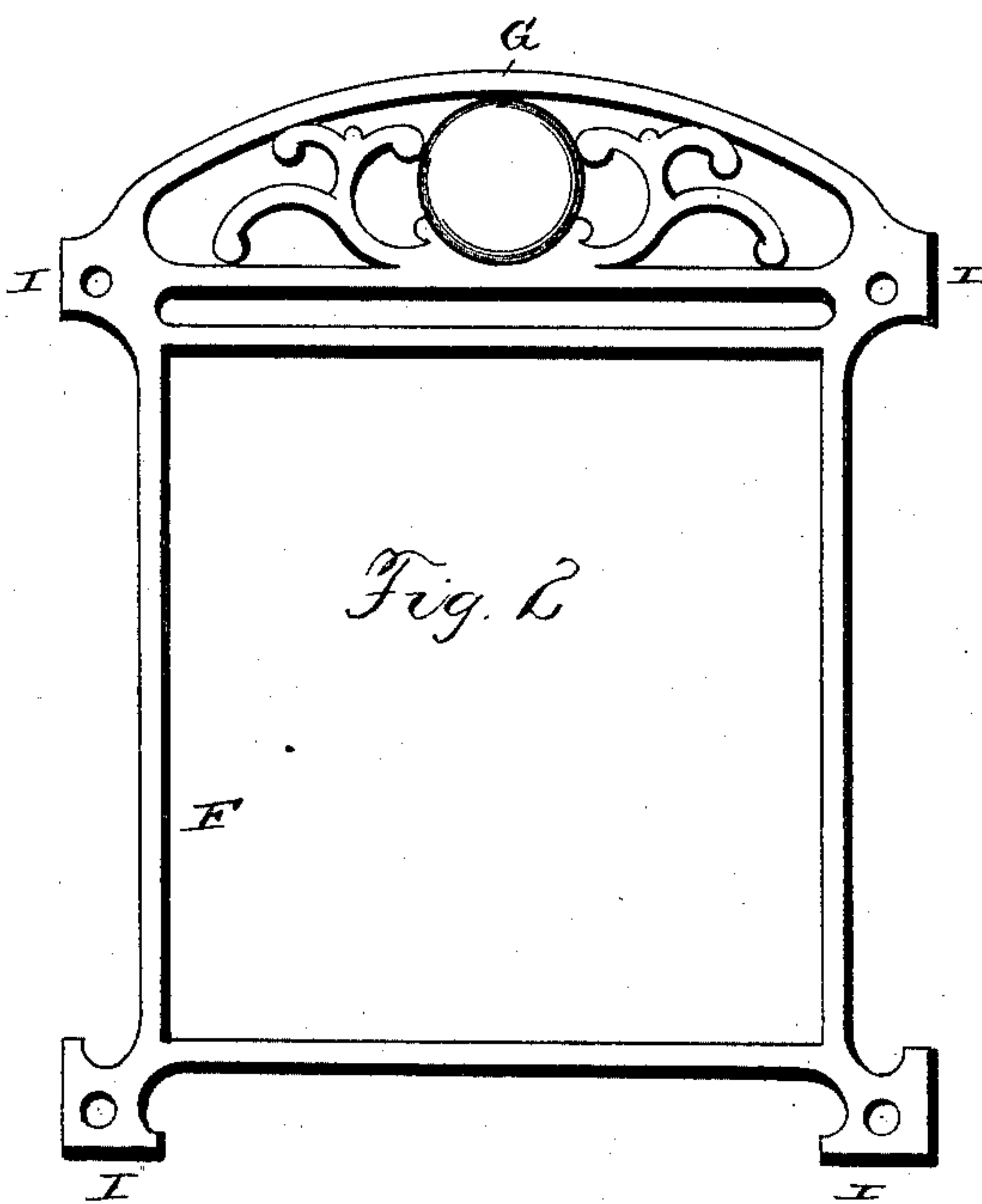
W. F. SPENCER.  
SEAT AND OPERA CHAIR.

No. 316,495.

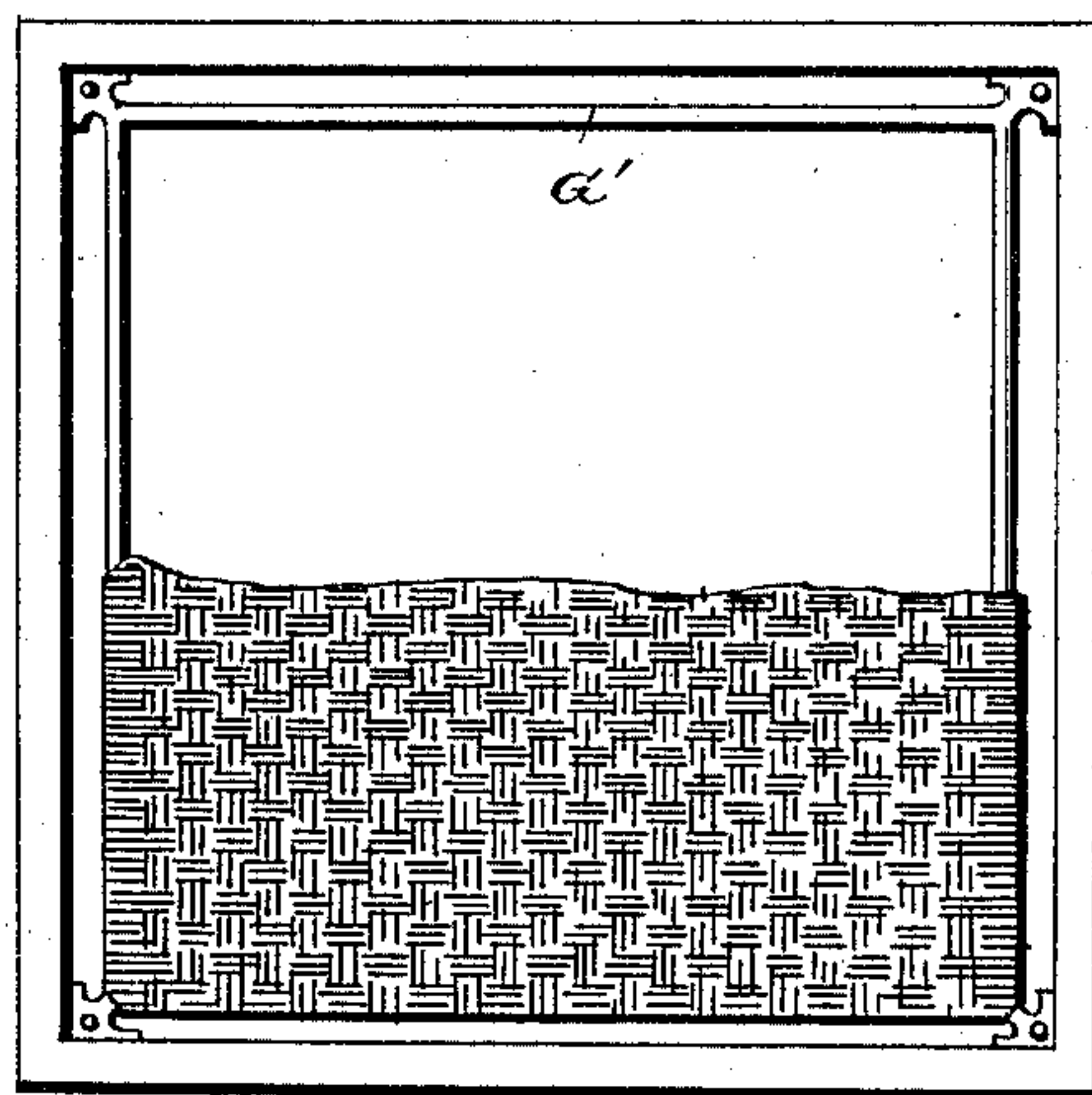
Patented Apr. 28, 1885.



*Fig. 1.*



*Fig. 2.*



*Fig. 3.*

WITNESSES

*S. G. Nottingham*  
*Geo. F. Downing.*

INVENTOR

*Wm. F. Spencer.*  
*B. Sequester*  
ATTORNEY



# UNITED STATES PATENT OFFICE.

WILLIAM F. SPENCER, OF RICHMOND, INDIANA.

## SEAT AND OPERA-CHAIR.

SPECIFICATION forming part of Letters Patent No. 316,495, dated April 28, 1885.

Application filed June 23, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. SPENCER, of Richmond, in the county of Wayne and State of Indiana, have invented certain new and useful Improvements in Seats and Opera-Chairs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in chairs, and especially to the class known as "opera-chairs." Heretofore chairs of this character have been constructed with the backs or seats formed of several pieces of metal or wood, either plain or upholstered with leather or cloth.

The object of my improvement is to provide in a chair of the above character a back or seat which will be cast in one piece and may be secured to or removed from the main frame of the chair, as desired.

A further object is to provide a chair of such construction that the cane seat or back may be woven around the back or seat frame when it is detached from the main frame of the chair; and with these ends in view my invention consists in certain features of construction and combinations of parts, as will be more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of my improvement, and Figs. 2 and 3 are detached views of the back and seat.

A represents the legs or supports of a chair preferably made of iron and constructed in any desired manner. The arm-supports B may be formed integral with the legs A, or may be secured thereto in any desired manner. The side frames, C, may be likewise formed integral with the legs and arm-supports, or may be secured thereto by suitable means. The arms D are secured to or formed integral with the parts before referred to.

The side frames, C, are provided at or about their upper and lower ends with the inwardly-extending perforated lugs E. The frame F is formed of one piece of iron or other metal. This may be cast in a single piece, or it may be wrought in two or more pieces and welded

or otherwise fastened together, and may be provided with the ornamental top G, which is formed integral therewith.

The corners of the frame are provided with perforated ears or lugs I, adapted to register with the lugs E, to which they are secured by means of rivets, bolts, or any other preferred device. The frame F is filled with cane woven or plaited thereon in the usual manner.

Chairs or seats constructed in the usual manner are liable to destruction by fire, whereas my chair or seat, being entirely constructed of iron excepting the cane, can be readily repaired at a small cost. My back and seat, being readily detached from the main frame, can be removed and recaned at a small expense compared with the cost of replacing the entire seat.

A further advantage is found in that the back or seat formed of cane woven on the frame, as described, is more pliable and comfortable to the occupant as well as more cleanly than those having a non-yielding back and seat.

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

1. In a chair, a metallic frame formed in a single piece and covered with cane and provided with projecting ears for securing said frame to the chair-frame.

2. In a chair, a metallic frame having an ornamental top formed integral therewith and provided with outwardly-projecting ears, and a back-rest secured on said frame below the ornamental top, substantially as set forth.

3. As a new article of manufacture, a chair consisting of a frame, a back-rest, and a seat, each formed of a single casting and covered with cane, and each provided with projecting ears for securing them to corresponding projections on chair-frame.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM F. SPENCER.

Witnesses:

WM. C. SHOEMAKER,  
GEORGE SPENCER.