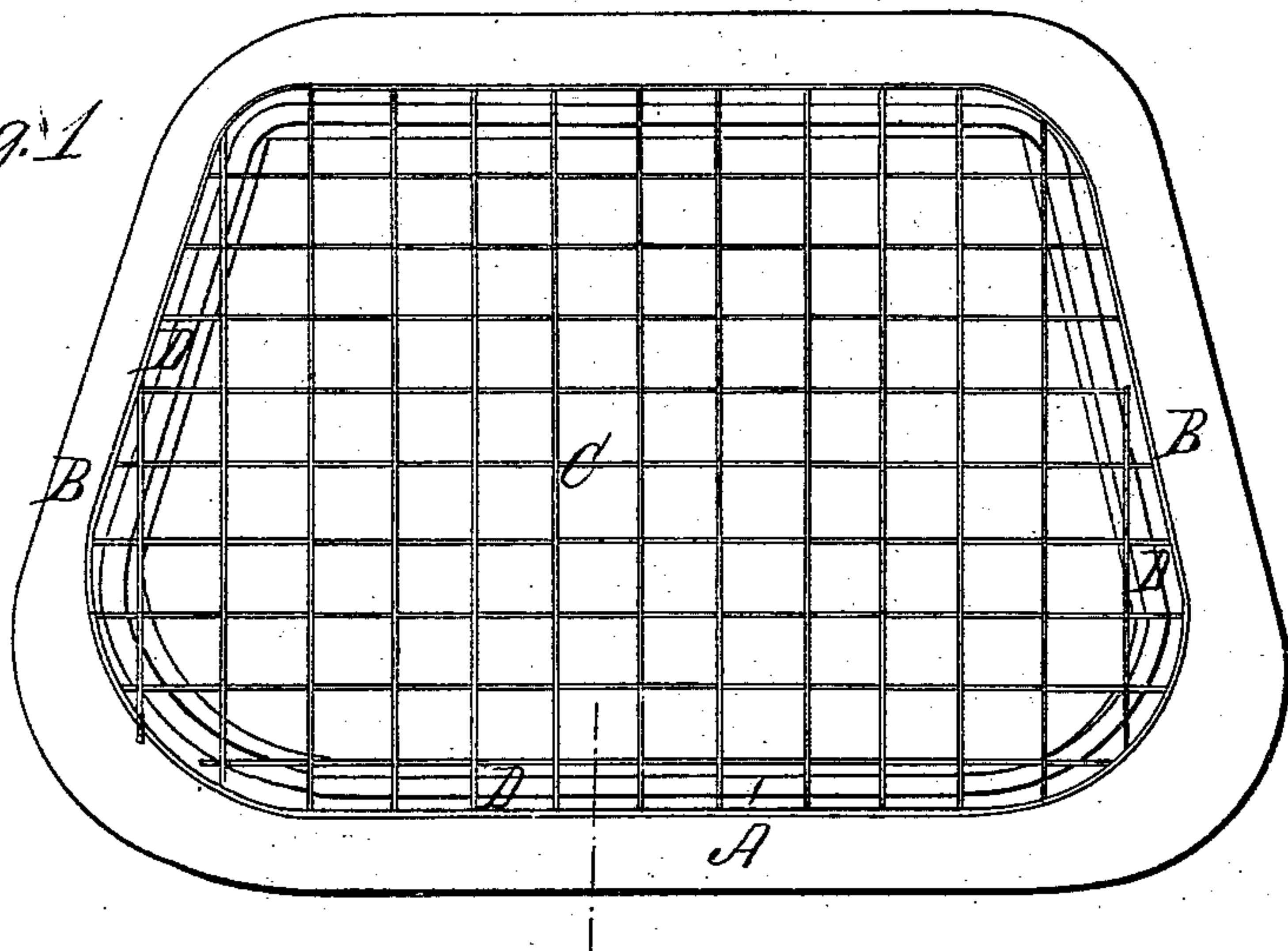


*D. C. Colby,*  
*Chair Bottom,*

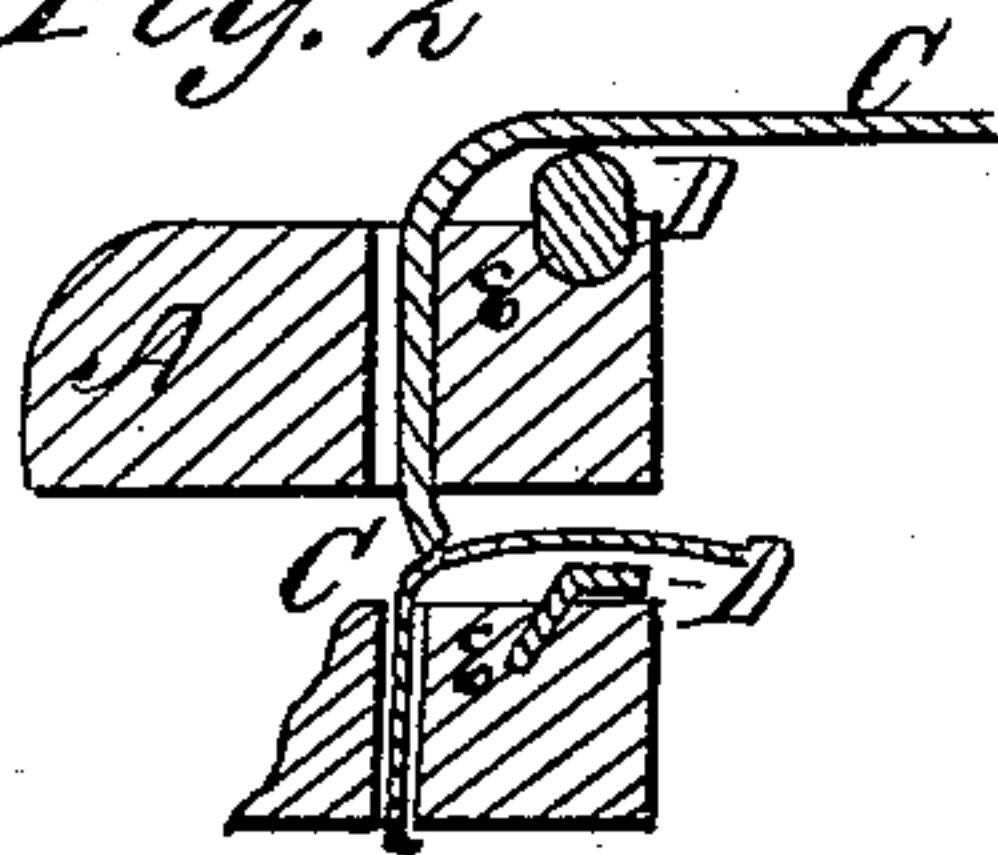
*No 82,602,*

*Patented Sept. 29, 1868.*

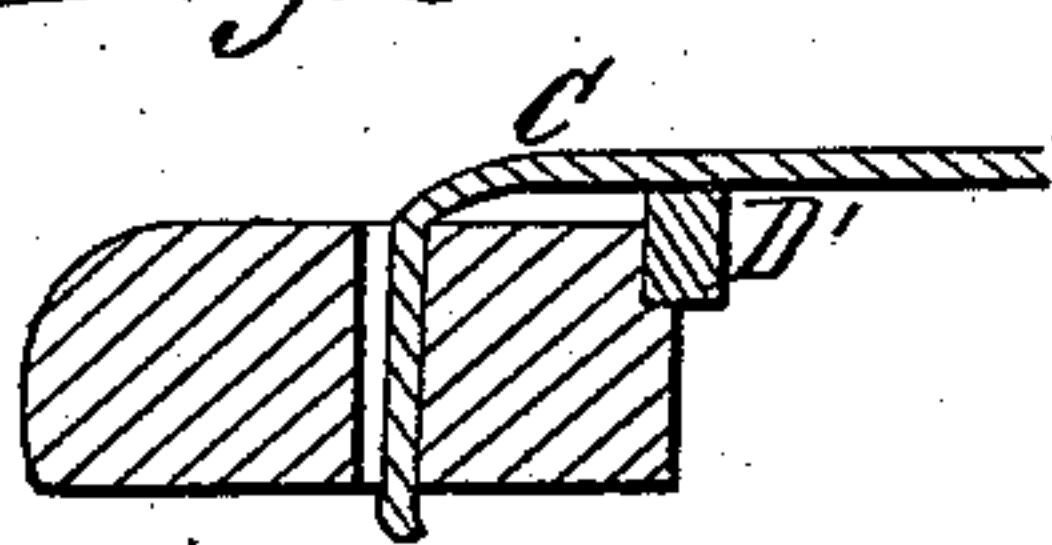
*Fig. 1*



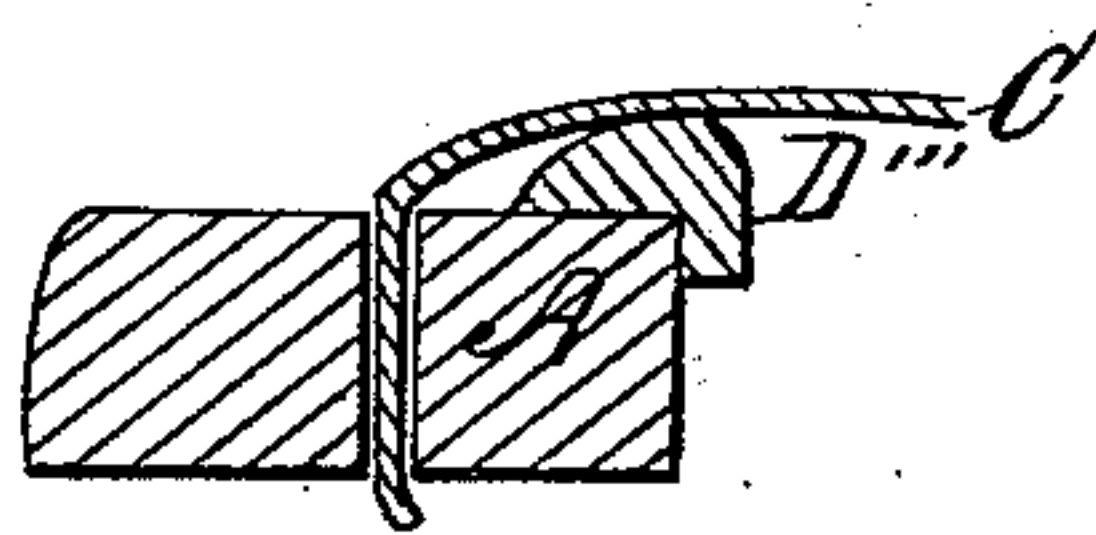
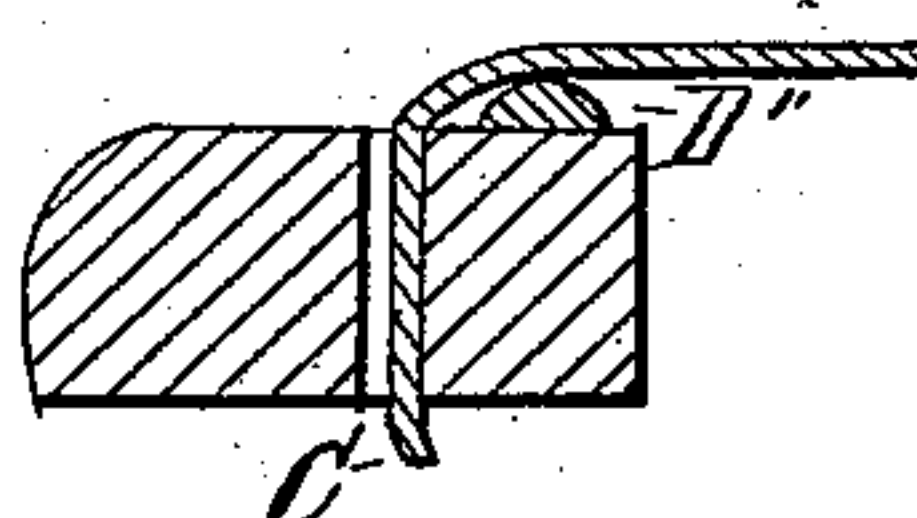
*Fig. 2*



*Fig. 3*



*Fig. 4*



*Witnesses;*  
*Henry Beard*  
*J. F. Colby*

*Inventor;*  
*Daniel C. Colby.*

# United States Patent Office.

DANIEL C. COLBY, OF WASHINGTON, DISTRICT OF COLUMBIA.

*Letters Patent No. 82,602, dated September 29, 1868.*

## IMPROVEMENT IN CHAIRS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL C. COLBY, of the city of Washington, District of Columbia, have invented new and useful Improvements in Cane-Seat Chairs; and I do hereby declare the following to be a full and exact description of the same, reference being had to the drawings that accompany and form a part of these specifications, in which—

Figure 1 is a plan view of a chair-seat with my invention applied.

Figure 2, sectional views, one showing a cord, the other a flat strip, as an elastic rest for the cane-strands, each one resting in a groove adapted to it.

Figure 3, sectional views, showing the manner of attaching the rests to the upper inner edge of the seat-frame.

Figure 4, view of still different form of these rests.

Letter A represents the front of the seat-frame.

Letter B, the two sides thereof, right and left.

Letter C, the cane-strands interwoven.

Letters D D' D'' D''' the elastic rests, varying in form to correspond to the slight variations in the manner of applying them.

Letter E, groove, in which the rest D is placed, and may be seen in the sectional views of fig. 2.

The object of my invention is to provide an elastic or slightly-yielding rest for the strands of a cane-seat, chair bottom, that they may not be prematurely broken across the inner upper edges of the pieces forming the seat-frame.

The substance I use for these rests may be of textile fabric, felt, paper, leather, suitable preparations of rubber, or any other material affording the desired properties, so as to supply an easy and gentle rest for the cane-strands.

The form may be cord, or flat strips, as represented in fig. 2, or, as in fig. 3, with a flat plane surface resting in the wood of the seat, presenting an upward surface, more or less oval, or it may be made to clasp the corner of inner upper edge of the seat-frame, or any other convenient form, that may be comely in appearance, and have the qualities desired.

The application of these rests is just inside the holes through the seat-frame, which receive the cane-strands, and may be by groove E, as in fig. 2, or be glued or otherwise attached to the surface on which they rest.

When the groove E is used, it will be cut by a tool for the purpose, guided by the row of strand-holes previously bored, and this groove, in either form shown in fig. 2, will be amply sufficient to keep the rest D in place.

If thought proper, however, when the form of groove shown in the lower section of fig. 2 is used, a little glue may be put in it and the strip D pressed in.

There is an advantage in using the form represented in the upper section of fig. 2, as the cord D is very easily and readily slipped into its place after the cane-seat is woven in.

The great advantage of this appliance of mine has been well demonstrated by use and trial, both in my house and office, where chairs thus supplied have been in constant use, together with others not thus supplied, though in all other respects the same, and these latter have required new bottoms, while those improved by the above-described device are apparently as perfect and durable as on the first day of their use.

I do not claim elastic cushions of rubber or other material as applied to upholstered chairs to give fulness, but only as applied to cane-seats, that they may not fail of good condition in such very short time as most cane-seats do when applied as has been the practice heretofore.

What I claim as of my invention, and desire to secure by Letters Patent, is—

The application to cane-seat chairs of an elastic or slightly-yielding rest for the cane-strands, of any suitable material, and for the purposes specified and set forth.

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

DANIEL C. COLBY.

Witnesses:

EDM. F. BROWN,

I. FREMONT COLBY.