

O. A. Bingham,

Chair Seat.

No. 94,553.

Patented Sept. 7. 1869.

Fig. 1.

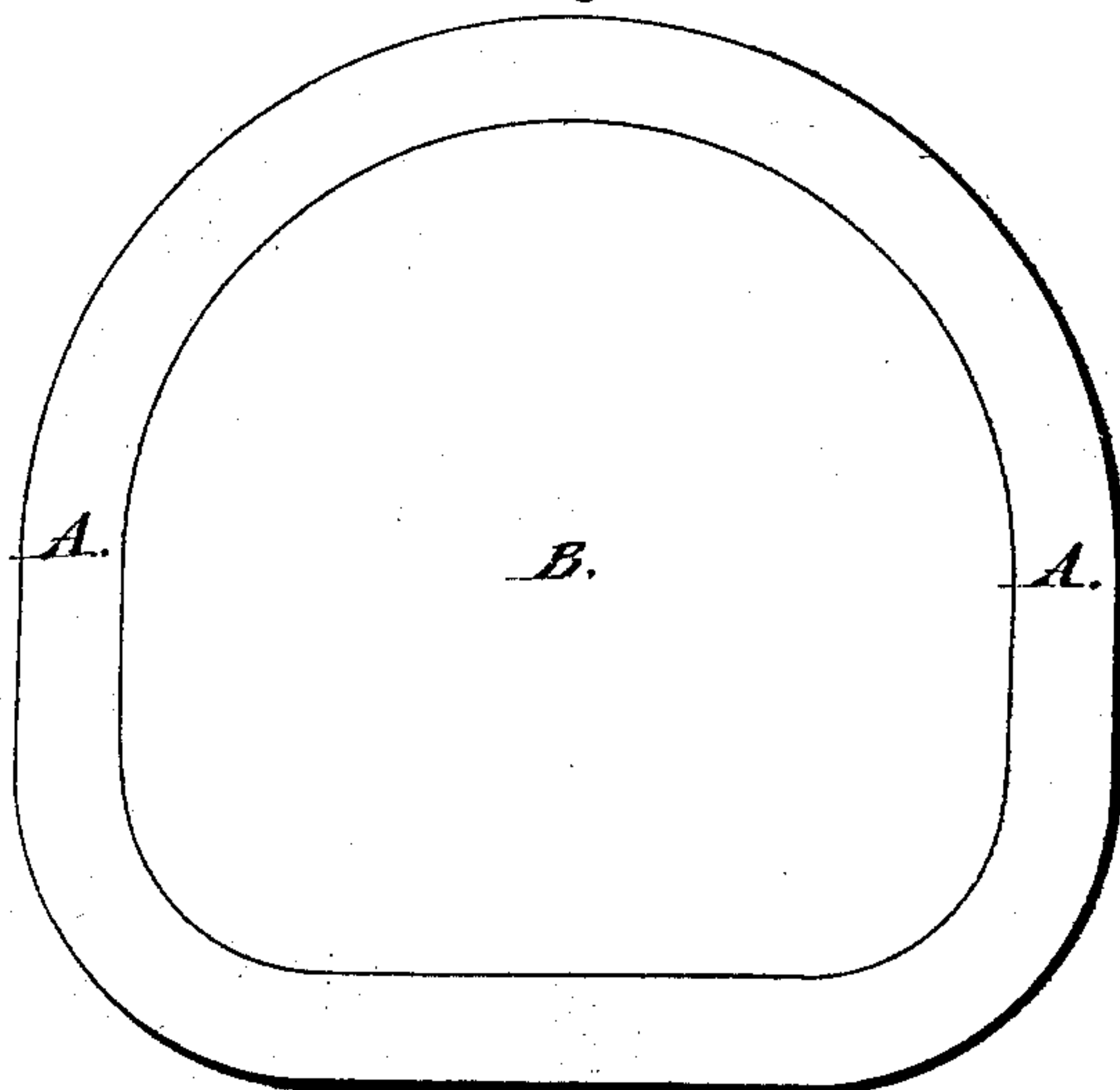


Fig. 2.

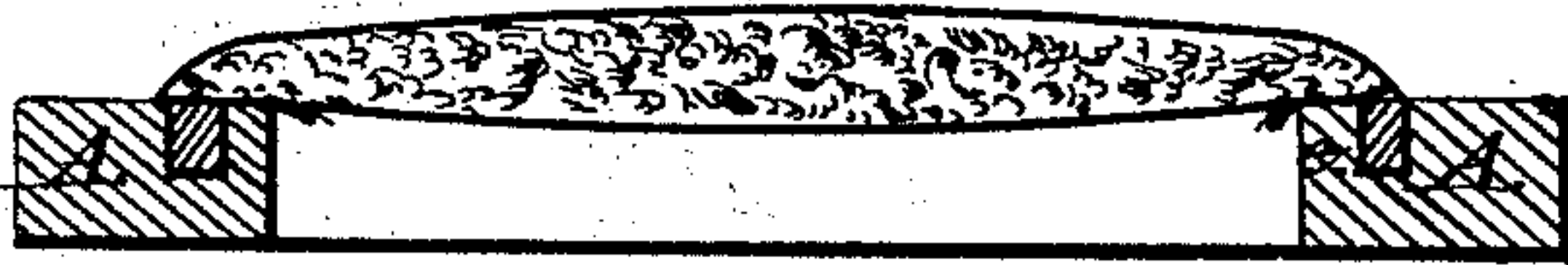


Fig. 3.

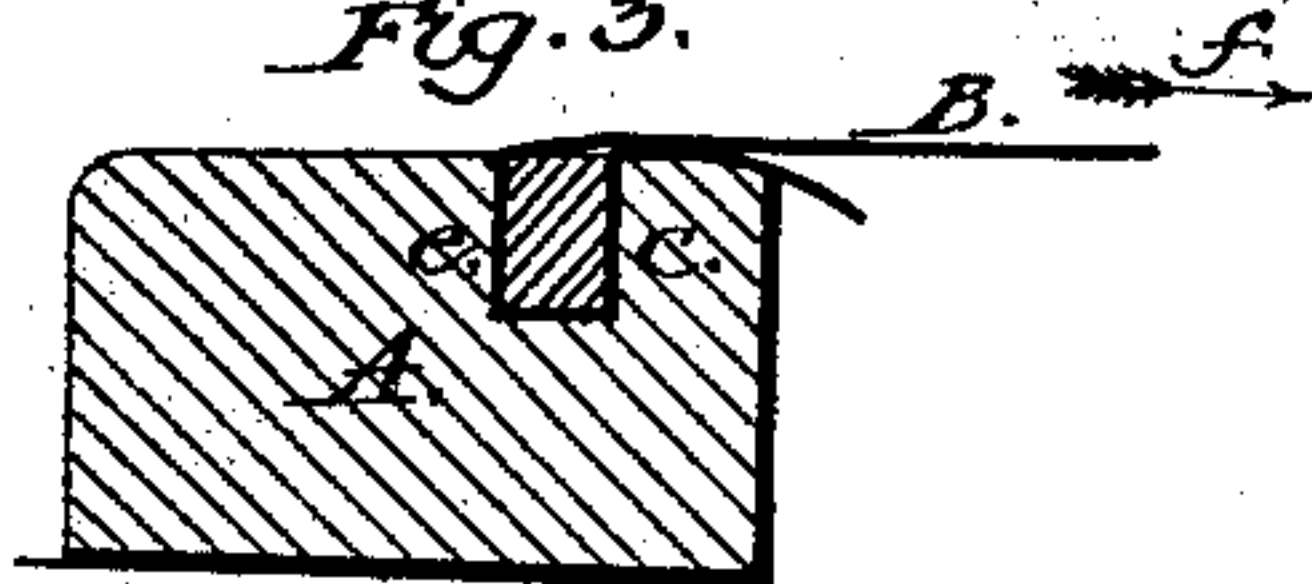
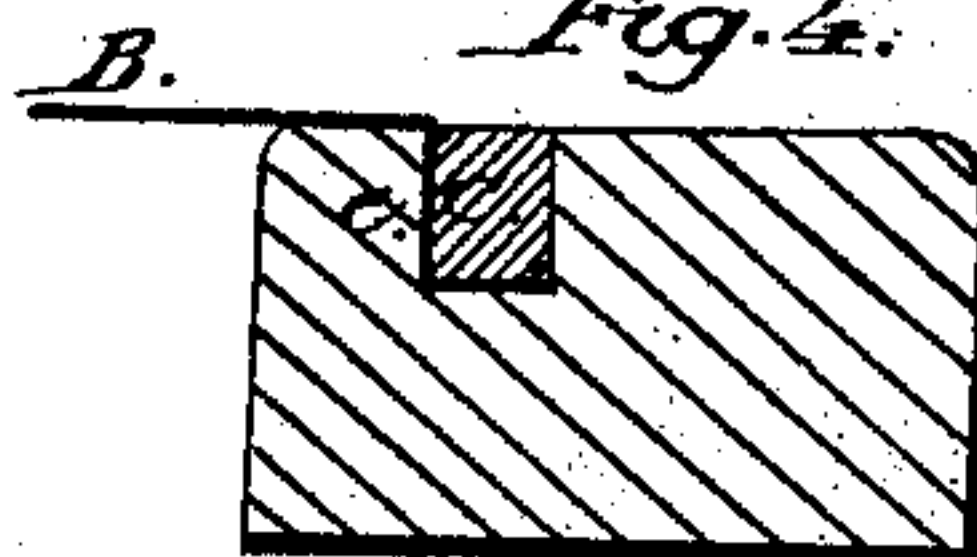


Fig. 4.



WITNESSES:

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OSMORE A. BINGHAM, OF GARDNER, MASSACHUSETTS.

Letters Patent No. 94,553, dated September 7, 1869.

IMPROVED CHAIR-SEAT.

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

To all persons to whom these presents may come:

Be it known that I, OSMORE A. BINGHAM, of Gardner, of the county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in the Application of a Seat or Cushion to the Back or Seat-Frame of a Chair; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a top view, and

Figure 2, a transverse section of a chair-seat, with my improvement.

In the drawings—

A denotes the seat-frame, and

B, the cloth or cushion applied thereto.

The said seat-frame is formed with a groove, *e*, extending around it and arranged in it, near its inner edge, such groove being either square or rectangular in transverse section.

The two cloths, *a b*, composing the case of the cushion, and containing between them the stuffing *c* of hair or other proper material, are first to be laid one on the other, and upon and lapped around a strip, C, of wood or other suitable material, having a section to correspond in form with that of the groove.

Next, the strip, with the cloth around it, is to be inserted and forced into the groove, the whole being so that when the strip is in the groove, such strip shall be covered in all four sides by the cloth, and the latter be made to project from the strip in manner as shown in Figure 3, which exhibits, on an enlarged scale, the groove, the strip, and a single piece of cloth, and shows the method in which the latter is arranged with and around the strip, so as to cover it on its top surface.

In such fig. 3—

A denotes the frame-bar;

e, the groove;

B, the cloth; and

C, the strip.

Figure 4 also exhibits the ordinary method of fixing a chair-seat or back to its frame, by means of a groove and strip. In this latter figure, it will be seen that the cloth, or seat B is not arranged so as to cover the top surface of the strip C, such strip being usually

held in place by nails or screws or cement, for unless so fastened, a slight pull exerted horizontally on the cloth will often serve to draw the strip and cloth out of the groove.

With my arrangement of the cloth, viz, so as to cover the strip, not only will it be impossible to detach the strip from the groove by a horizontal strain on the cloth exerted in the direction of the arrow *f*, but the strip will be covered, so as to be out of sight by the cloth, and thus a better finish of the chair-seat will be made.

Furthermore, no nails or screws will be required to keep the strip in place in the groove.

When the cloth is strained horizontally, while held by the strip in manner as shown in fig 4, the tendency is to raise the strip out of the groove, but under the arrangement of the cloth and the strip in manner as shown in fig. 3, any tendency of a horizontal draught on the cloth to pull the strip out of the groove will be counteracted or overcome by the cloth which laps over the strip, as such will prevent the strip from being drawn out of the groove.

I make no claim to the cloth and the strip so arranged in the groove that the top of the strip will be left uncovered by the cloth. Nor do I claim the arrangement of slits in a chair-bottom and of strips of rattan on such strips, in manner as described and represented in the specification and drawings of the United States Patent No. 55,605, granted to Alanson Bingham.

With my invention, I make no use of such slits, but employ a groove, *e*, in the part or frame A, and a strip or frame, C, to be pressed into such groove with the cloth. I also use two layers of cloth to form the top and bottom coverings of the cushion and the space within them for the reception of the stuffing.

What, therefore, I claim as my invention, is as follows:

I claim the combination of the two cushion coverings, *a b*, the grooved frame A, and the strip or frame C, substantially in manner as above specified.

O. A. BINGHAM.

Witnesses:

R. H. EDDY;

F. P. HALIP.