

T. Weaver,
Opera Chair,

N^o 45,887,

Patented Jan. 10, 1865.

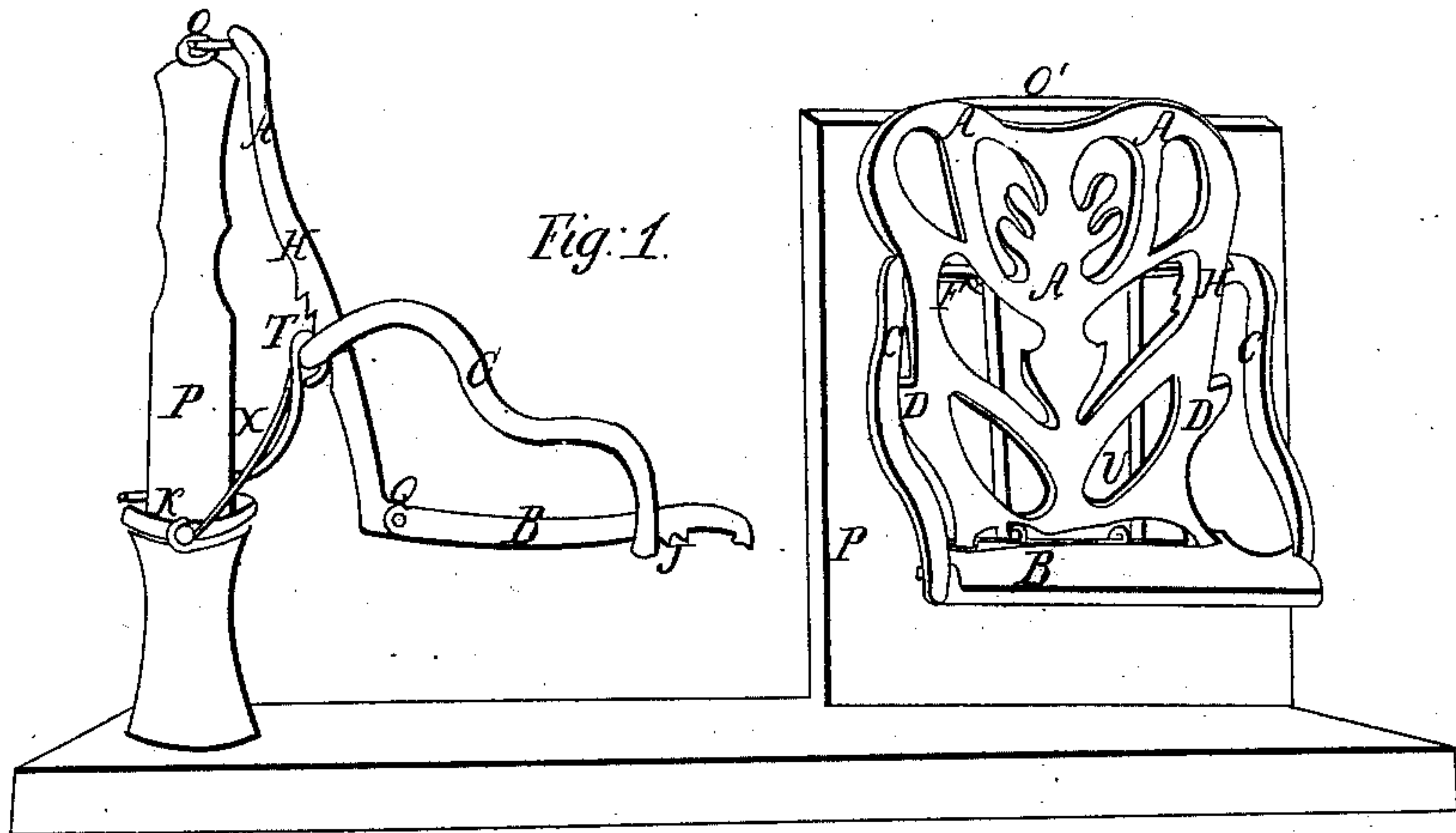


Fig. 2.

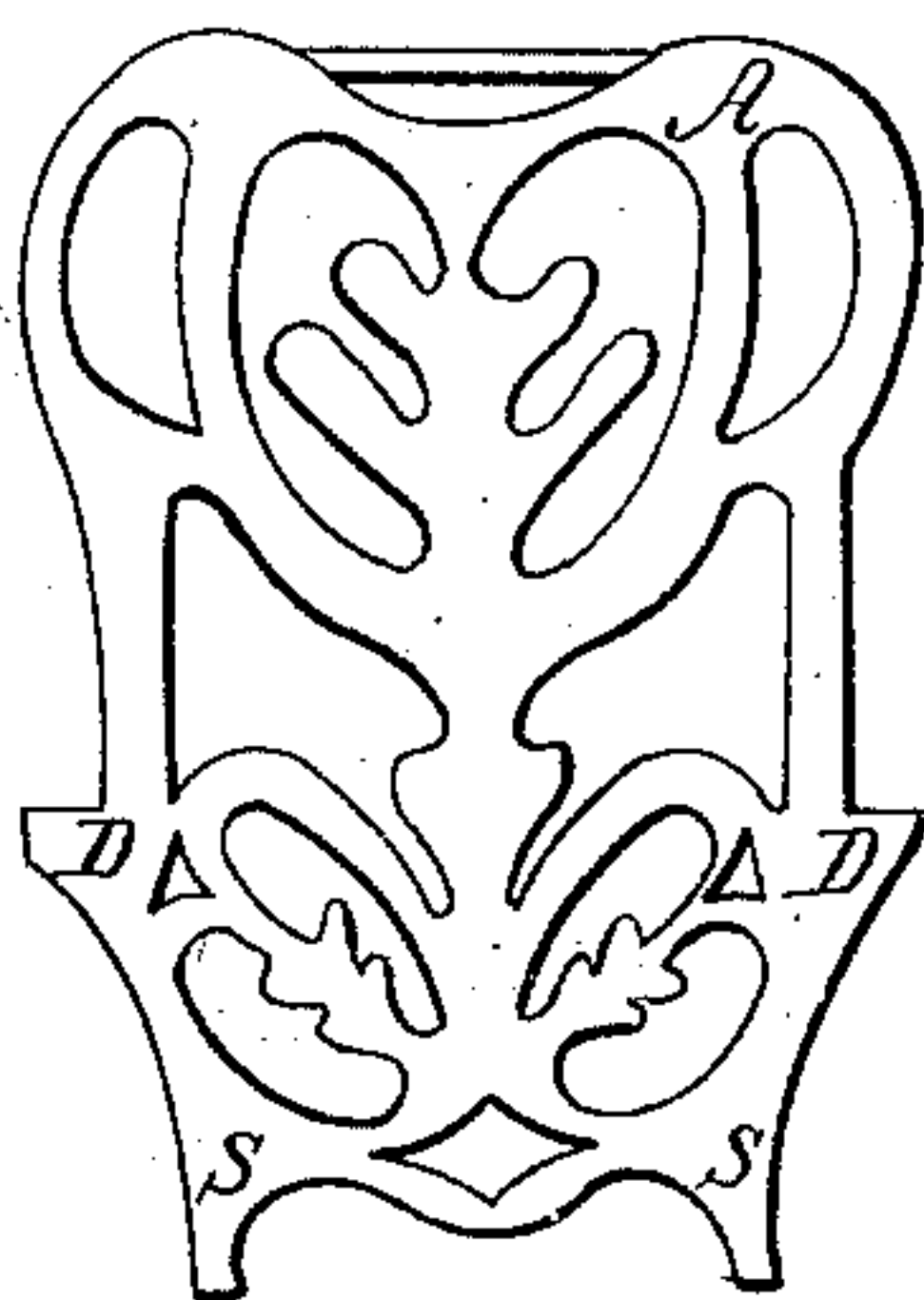


Fig. 3.

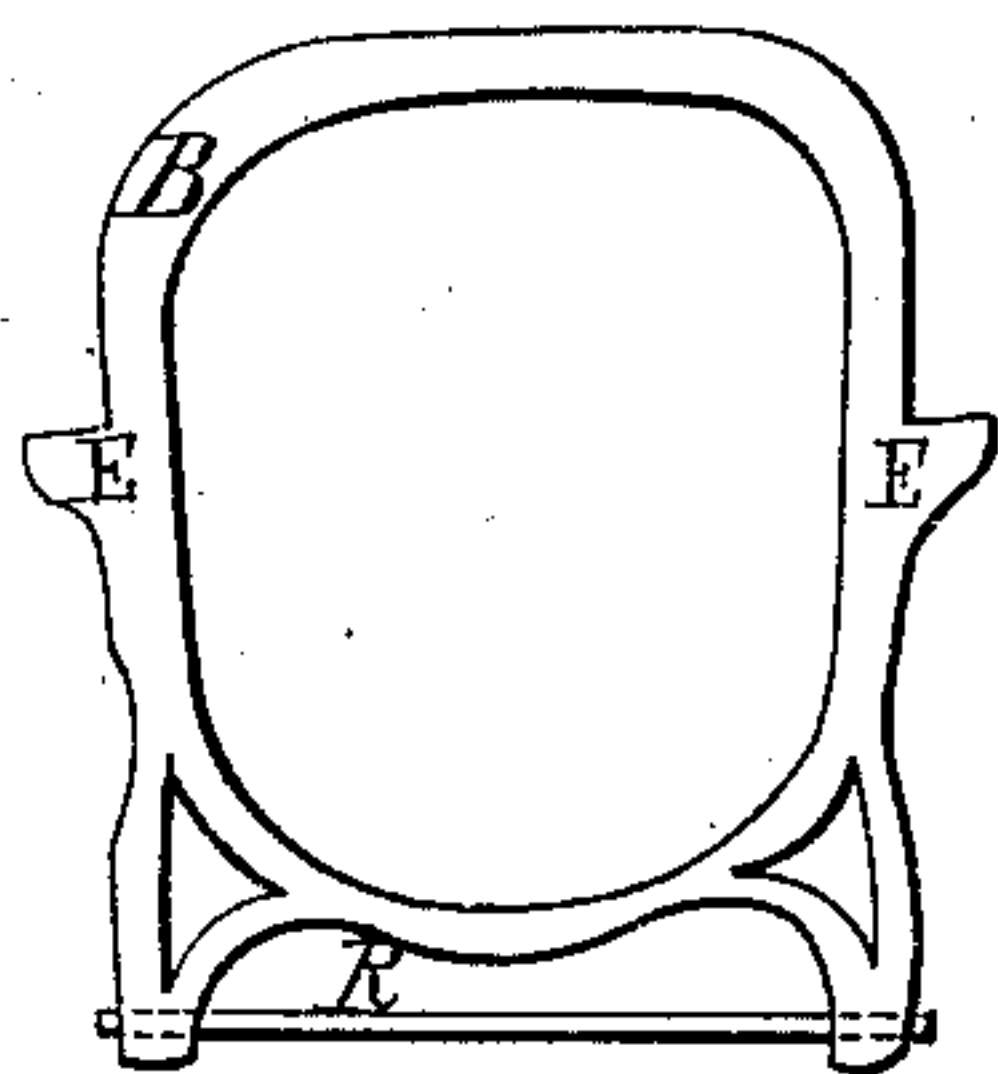


Fig. 4.



Fig. 5.

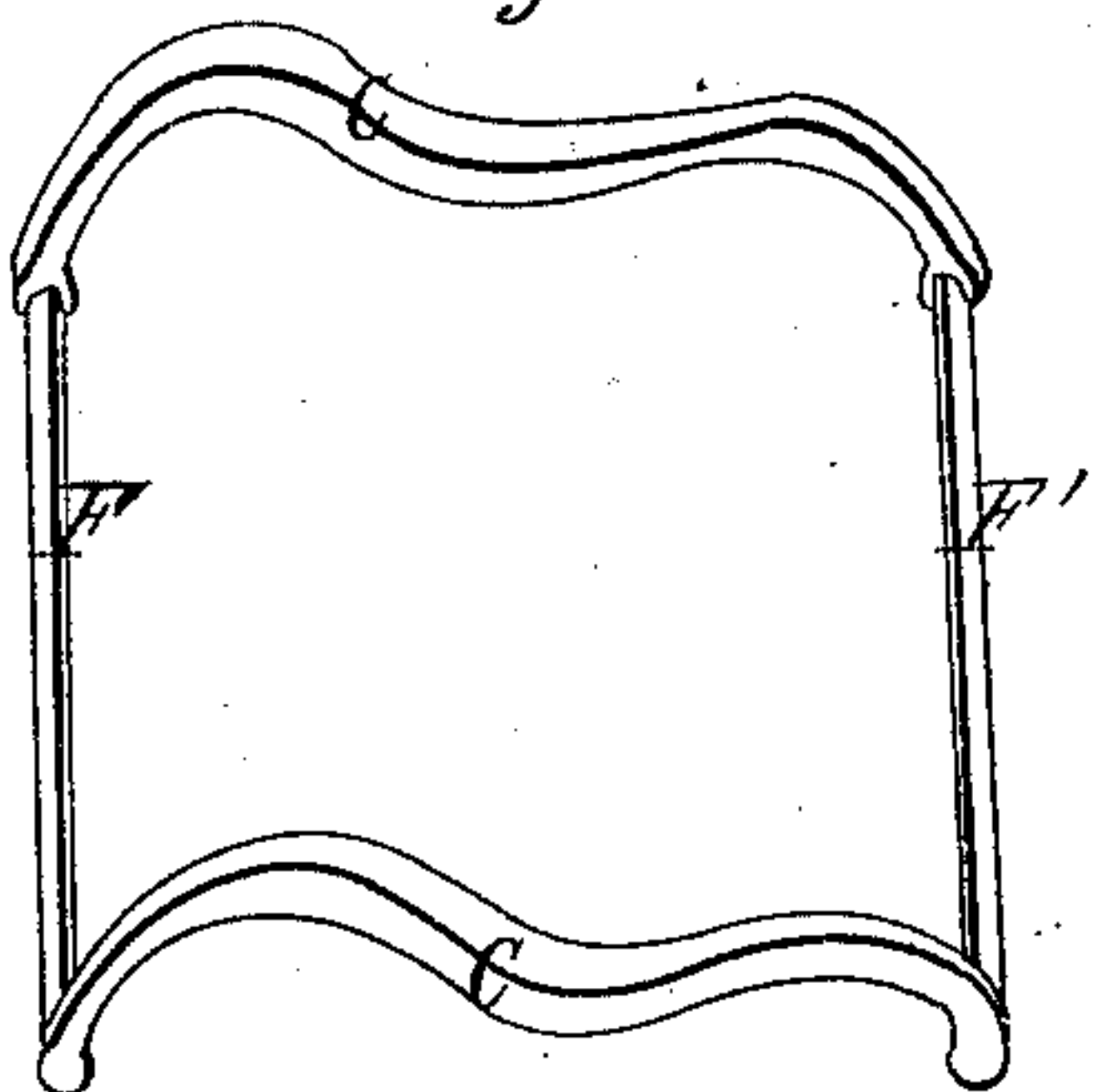


Fig. 6.

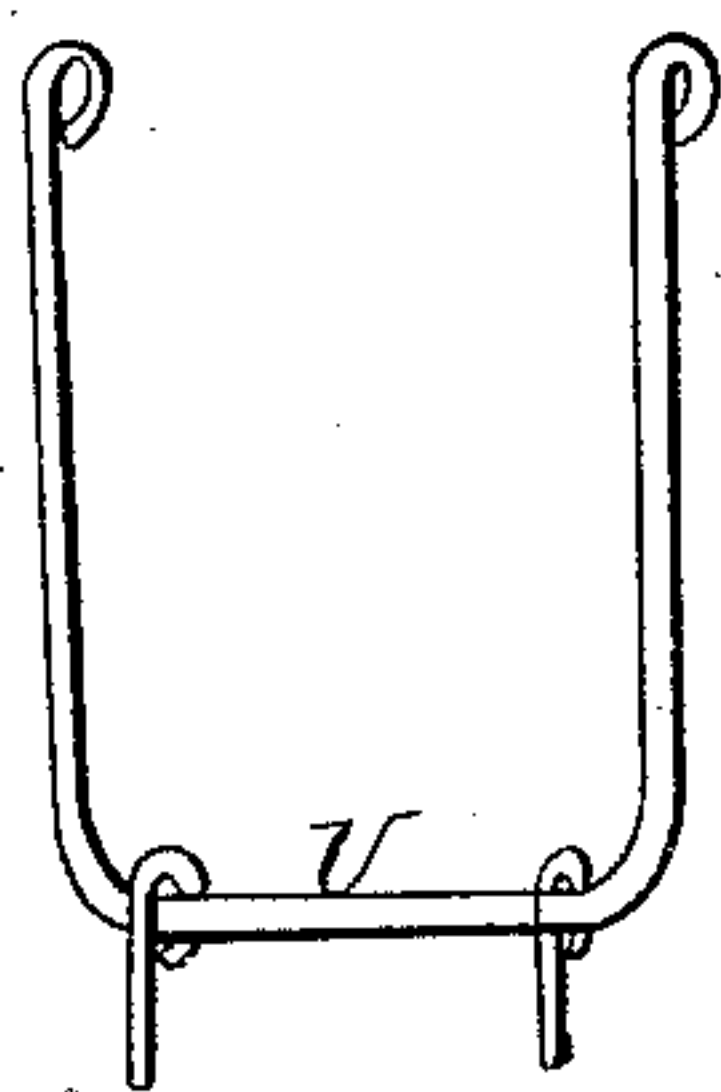
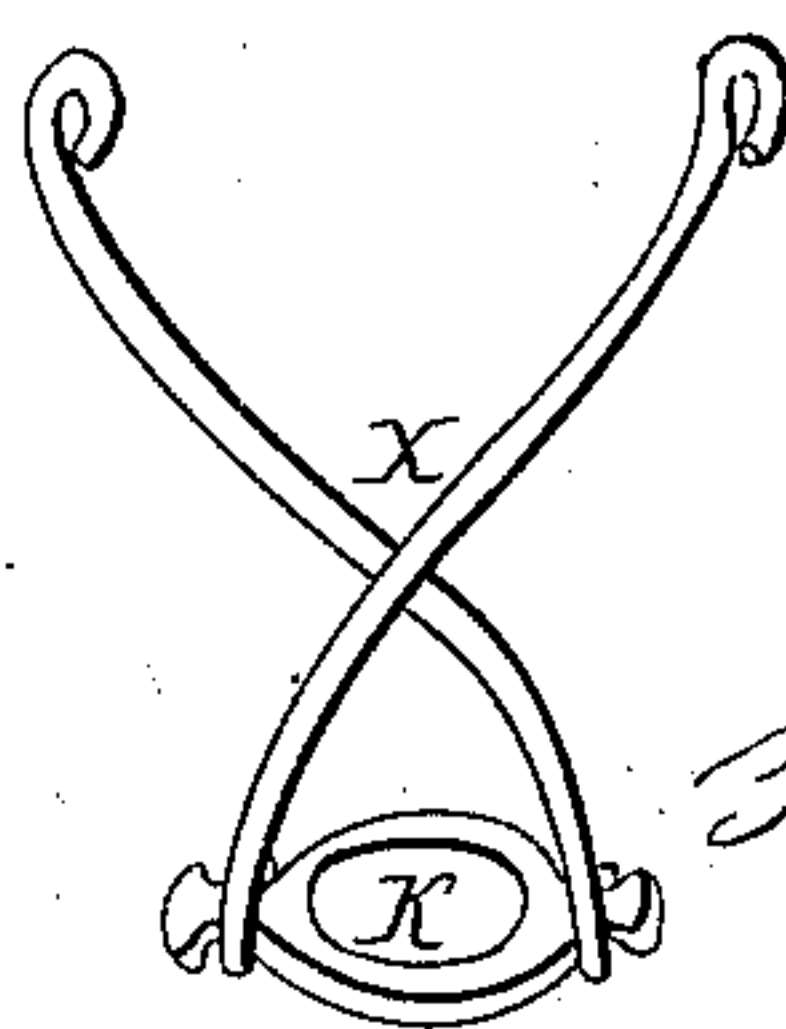


Fig. 7.



Witnesses;
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UNITED STATES PATENT OFFICE.

THEOS. WEAVER, OF HARRISBURG, PENNSYLVANIA.

IMPROVED ADJUSTABLE CHAIR.

Specification forming part of Letters Patent No. 45,887, dated January 10, 1865.

To all whom it may concern:

Be it known that I, THEOS. WEAVER, of the city of Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented a new and useful Improvement on a Self-Adjusting Public Chair; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view. Figs. 2, 3, 4, 5, and 6 are sectional views, and Fig. 7 is an end view.

I construct my chair of four principal parts, which are shown in Fig. 1, the back A, the seat B, the arm-frame C, and the haunch U or H. The back A, as shown in Fig. 2, has two arm-rests, D D, two tenons, S S, perforated as shown at Q in Figs. 1 and 4, two ratchets, H, as shown in the same, the post or wall hook, with staples O or O', as shown in Figs. 1 and 4. Inside of the ratchets are open spaces, to permit the hooks of the haunch to slide up or down. The seat has also two arm-rests, E E, as shown in Fig. 3, two tenons with bearings R, which fit the tenons of the back forming the joint Q, as shown in Figs. 1 and 4, and two ratchets, J, as shown in the same. Its frame will admit a bottom of various materials, and is curved to fold close against the back A, as shown in Fig. 4. The arm-frame C C F F', as shown in Fig. 5, forms both arms, which are connected by prismatic-edged rods, which fit in the ratchets of the back and the seat. The arms are so curved as to accommodate the occupant of the chair and to fold close against a post or wall and hold up the seat, as shown in Fig. 4. The haunch shown in Figs. 6 and 7 is U-formed

with hooks or coils, and rests in staples against the wall, as shown in Fig. 4; or is X-shaped, its coiled ends taking hold of the arm-frame above and of the trunnions of the collar K below, after they have crossed each other, the collar fitting the post P, as shown in Fig. 1. Various materials may be used in the construction of the back and the seat frames.

The chair operates to form the erect or the inclined seat, as shown in Fig. 1, and the folded chair, as shown in Fig. 4, all these operations being performed by regulating the arm-frame on their haunch and ratchets. The chair on the post also revolves around the same.

My invention consists in dispensing with legs and using a post or wall instead, and, by means of four principal parts, to form a perfectly-adjustable chair for public rooms and grounds.

I claim—

1. The construction of the arm-frame C C F F', and its combination with the haunch U, or with the haunch X and its collar K and pin, when so constructed as to inclose the back A and seat B, substantially as and for the purposes herein described.

2. The combination and arrangement of the back A, which is provided with the arm-rests D D, the tenons S S, the ratchets H, hooks and staples O O', with the seat B, which is provided with the arm-rests E E, the tenons bearing on R, the ratchets J, when operated by the haunch U or X, substantially in the manner, as and for the purposes herein shown and described.

THEOS. WEAVER.

Witnesses:

ALEXANDER BLESSING,
E. S. ENGLES.