W. T. DOREMUS.

Chair-Seats or Backs.

No. 134,593. Patented Jan. 7, 1873.

Fig. 1

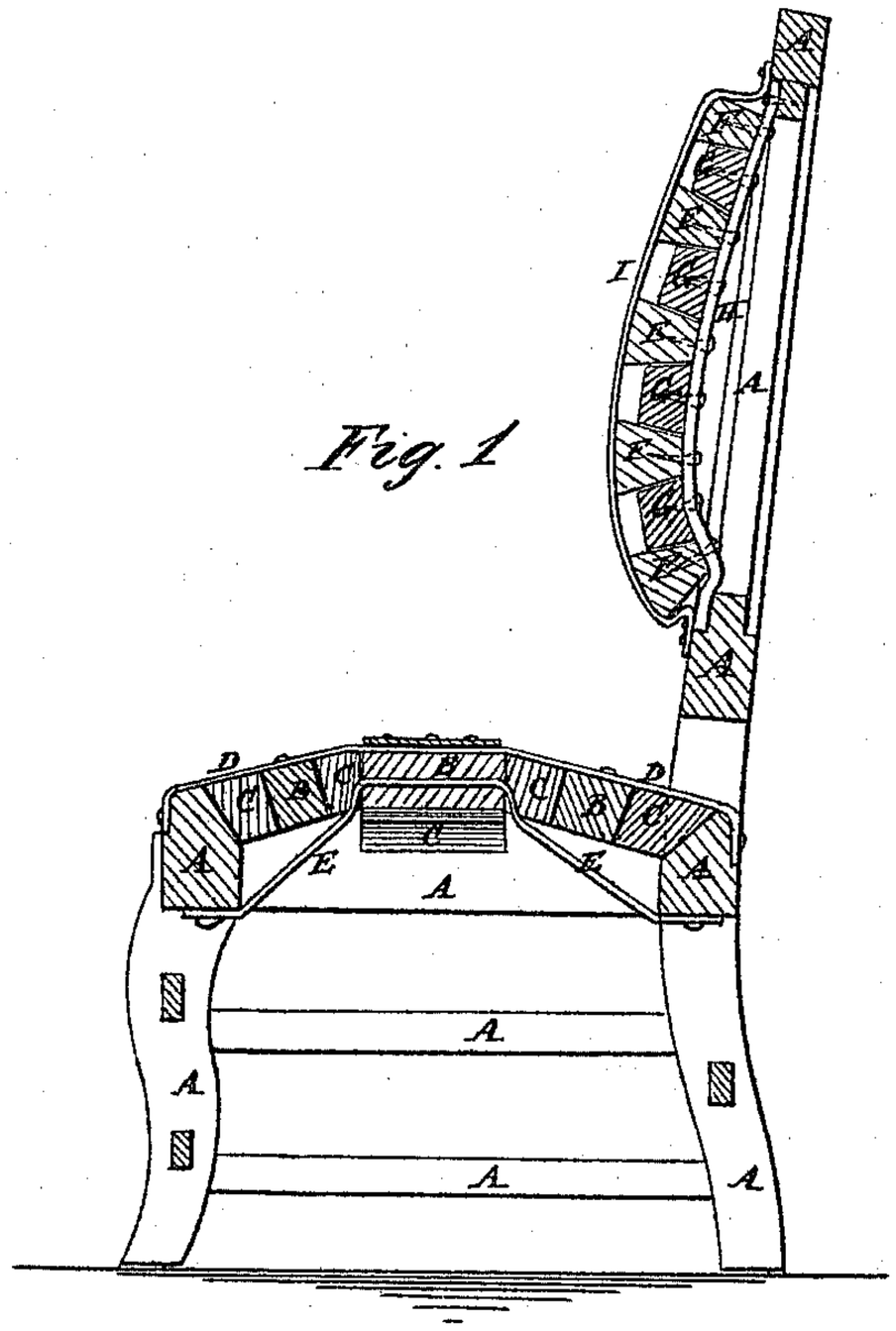
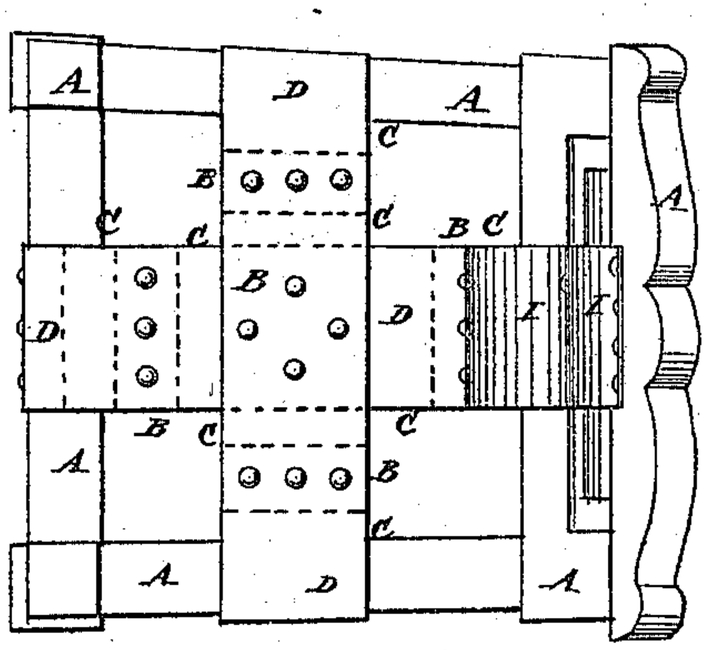


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM T. DOREMUS, OF NEW YORK, N. Y.

IMPROVEMENT IN CHAIR SEATS AND BACKS.

Specification forming part of Letters Patent No. **134,593**, dated January 7, 1873.

To all whom it may concern:

Be it known that I, WILLIAM T. DOREMUS, of the city, county, and State of New York, have invented a new and useful Improvement in Chairs, of which the following is a specification:

Figure 1 is a detail vertical section of a chair illustrating my improvements, the upholstering being omitted. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish chairs, provided with elastic seats and backs, which shall be simple in construction, strong and durable, and at the same time convenient in application and comfortable in use; and it consists in the arrangement of alternate rigid and elastic blocks, having flexible connections, as hereinafter described.

A represents the frame of the chair, which may be of any desired construction or style. B is a rigid block, of wood or other suitable material, upon the four sides of which are placed four rubber blocks, C, upon the outer sides of which are placed other rigid blocks B, and so on until the bars of the seat-frame are reached, the rubber and rigid blocks alternating with each other. The elastic and rigid blocks C B are kept in their proper relative positions by lasting or other flexible connections D attached to their upper sides or passed through them. The seat may also be provided with the stops E, or equivalent stops, connected with the chair-frame A, and with the central block B, or with all the blocks. The desired arched or convex form may be given to the seat by regulating the length of the series of alternate rigid and elastic blocks B C, or by giving a wedge shape to the rigid blocks B, or to both the rigid blocks B and the elastic blocks C. The elastic back of the chair is formed of a series of rigid blocks, F, and rubber blocks G, alternating with each other, and kept in their proper relative positions by flexible connections H attached to the rear sides of said blocks, and by lasting or other suitable stops I passed over their forward sides, as shown in Fig. 1.

The series of alternate rigid blocks F and flexible blocks G may receive the desired curve by adjusting the length of the series, or by making the rigid blocks F, or both the rigid blocks F and the elastic blocks G, wedge-shaped.

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

The combination of the rigid blocks, elastic blocks, and flexible connections, substantially as shown and described, for the purpose specified.

WILLIAM T. DOREMUS.

Witnesses:

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