

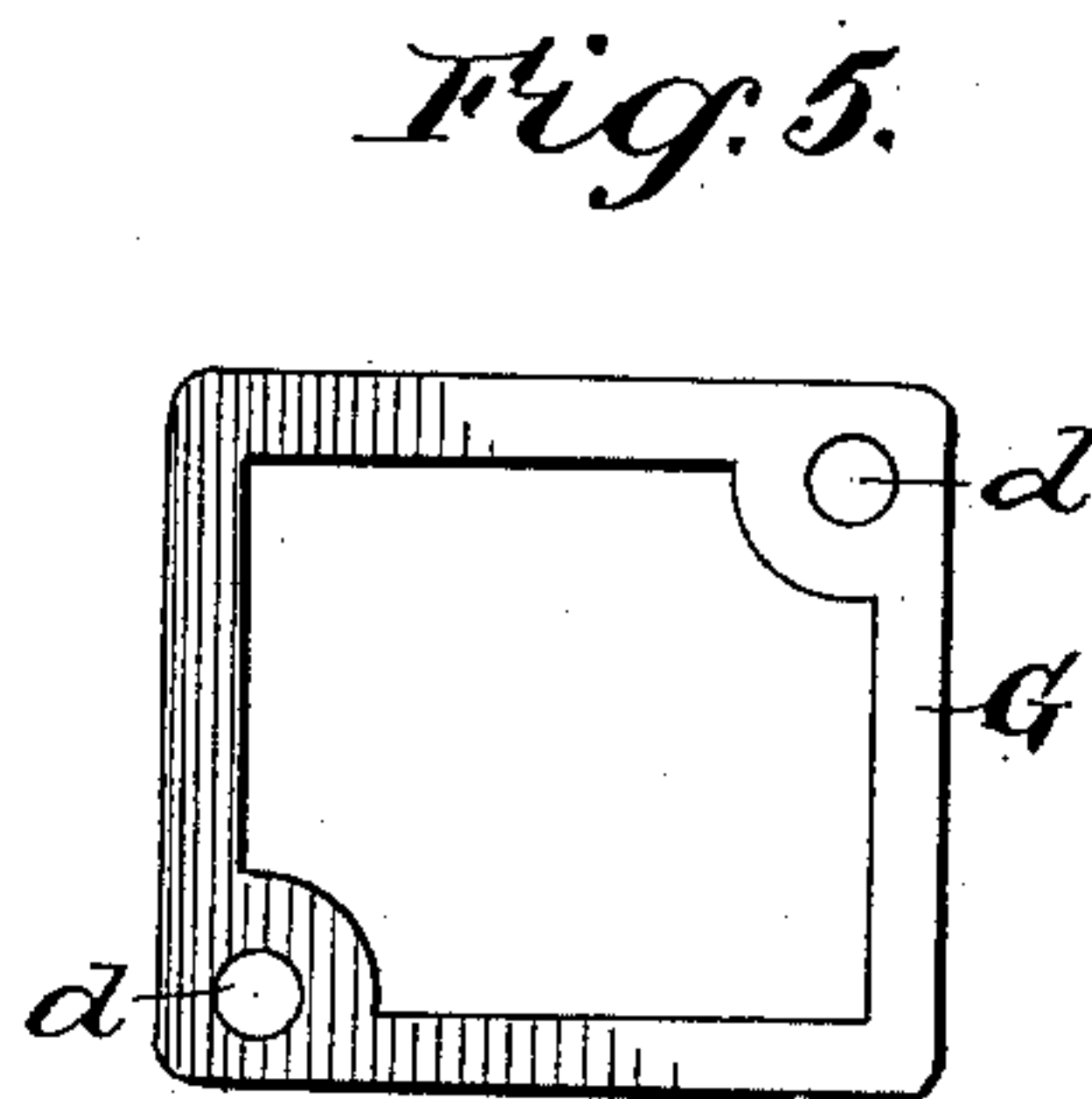
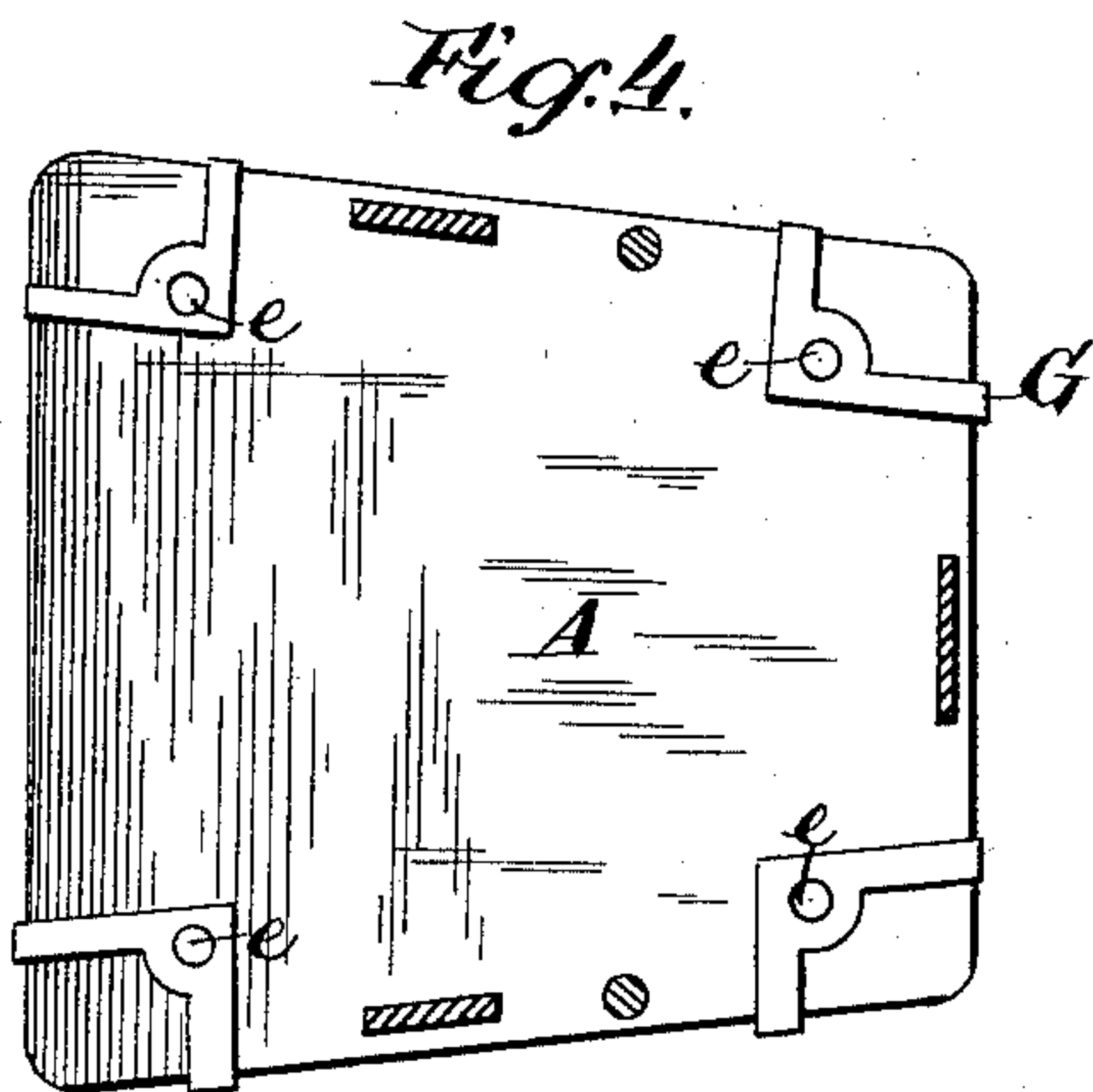
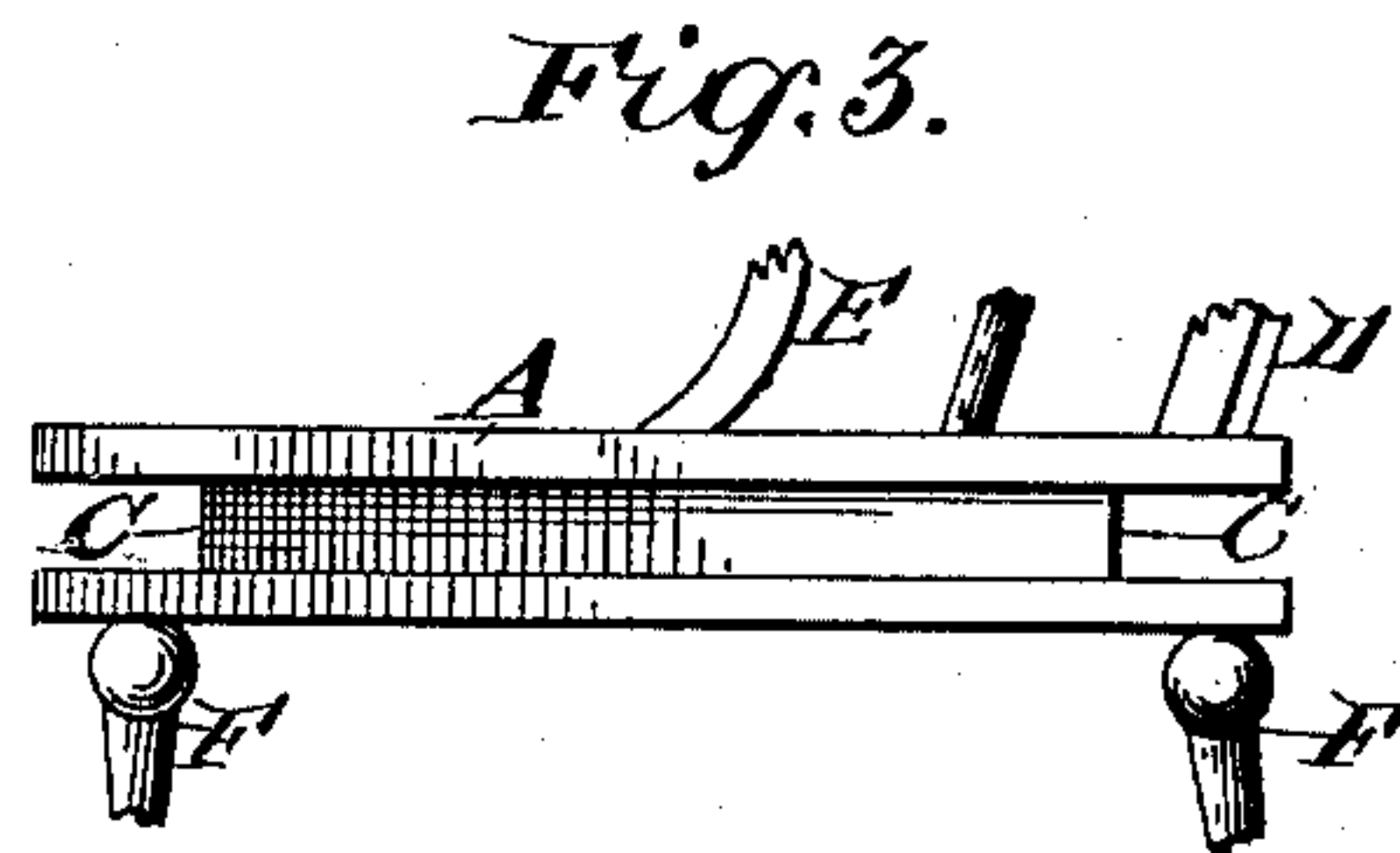
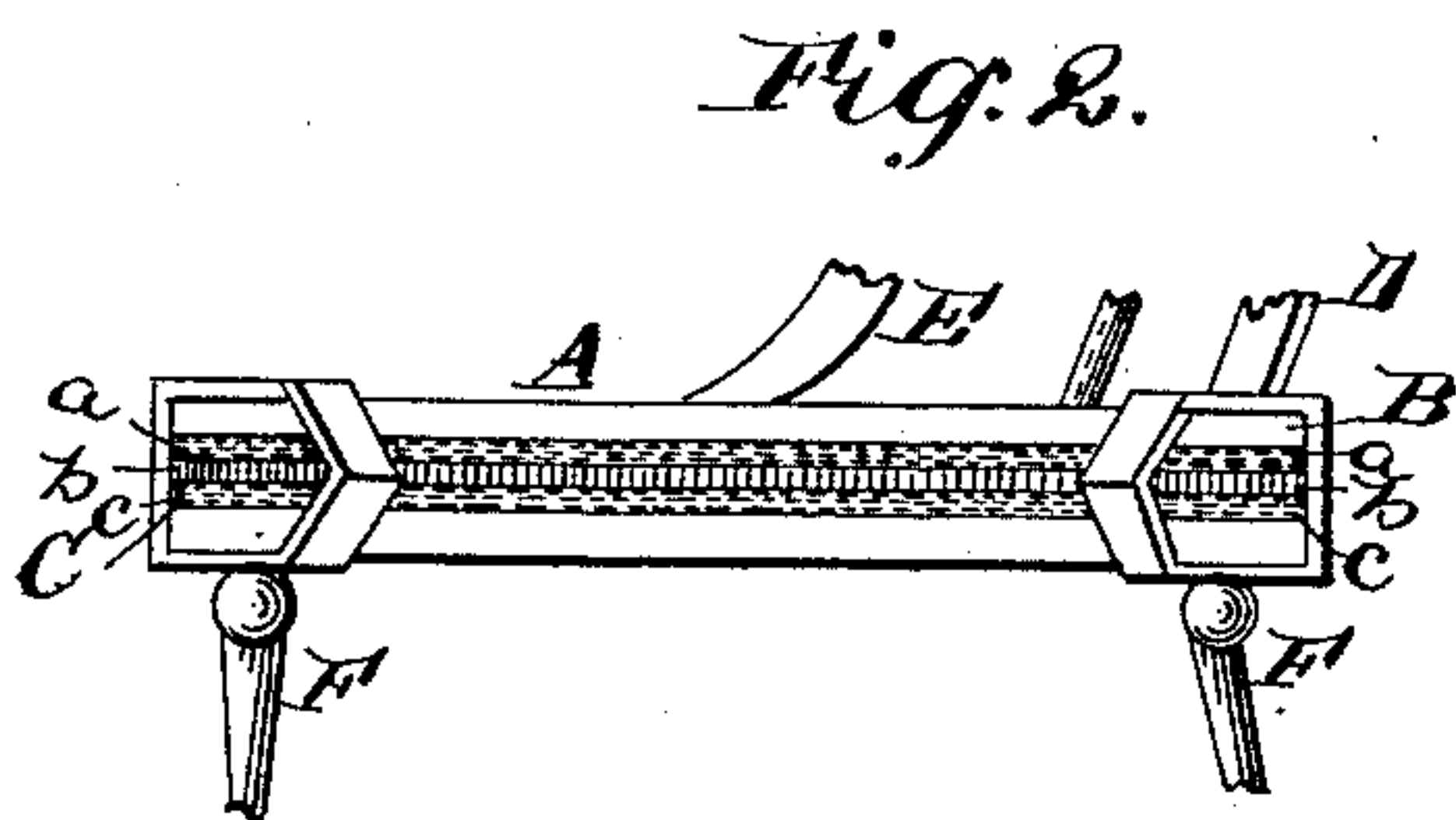
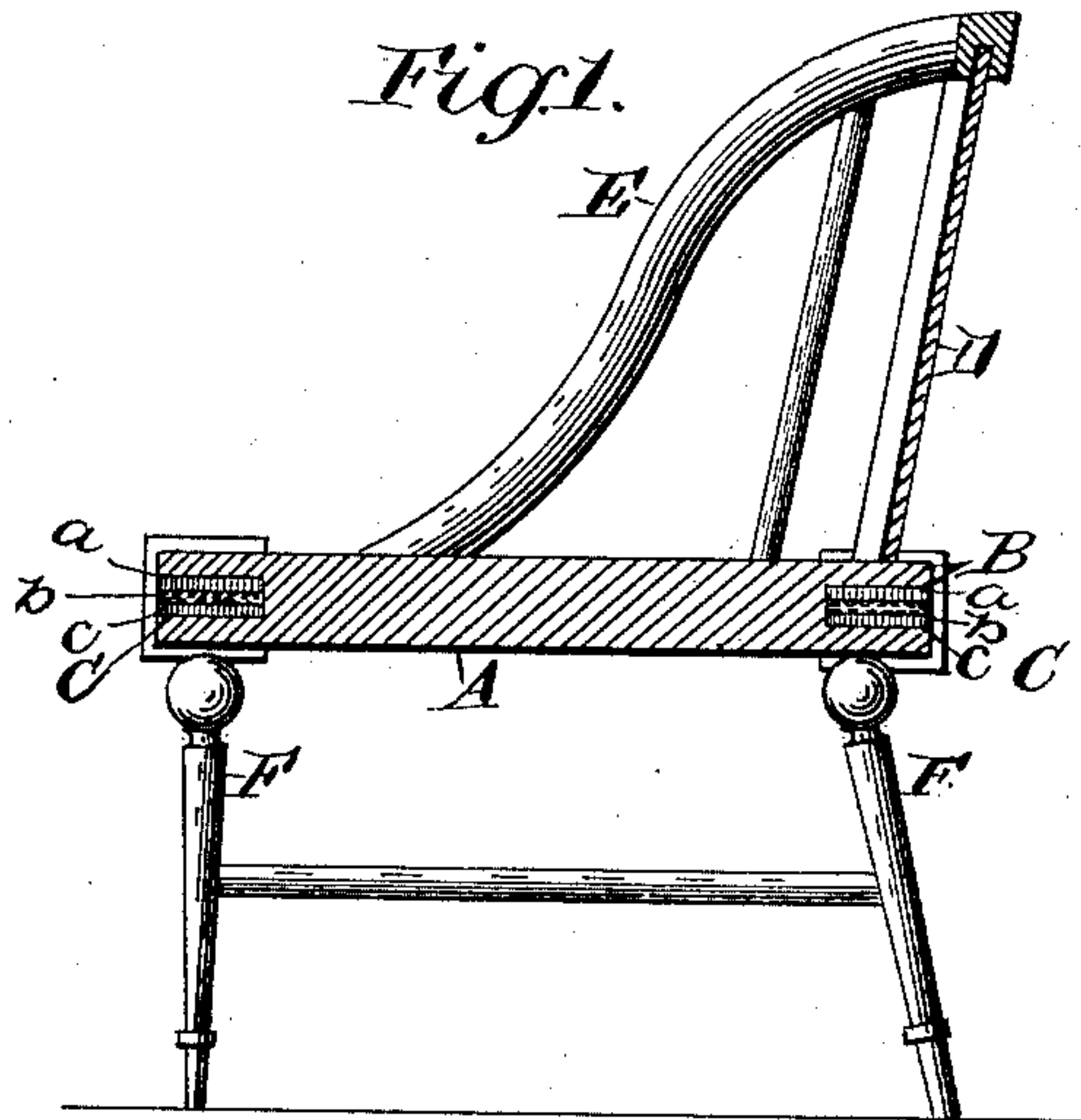
(No Model.)

T. KELLOGG.

CHAIR SEAT.

No. 375,754.

Patented Jan. 3, 1888.



WITNESSES:

Wm. Fred. Bell
H. J. England.

INVENTOR
Timothy Kellogg.
BY
Drummond & Bradford.
ATTORNEYS

UNITED STATES PATENT OFFICE.

TIMOTHY KELLOGG, OF UNDERWOOD, MINNESOTA.

CHAIR-SEAT.

SPECIFICATION forming part of Letters Patent No. 375,754, dated January 3, 1888.

Application filed April 30, 1887. Serial No. 236,667. (No model.)

To all whom it may concern:

Be it known that I, TIMOTHY KELLOGG, a citizen of the United States, residing at Underwood, in the county of Otter Tail and State of Minnesota, have invented certain new and useful Improvements in Chair-Seats; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in chair-seats; and it consists in a chair-seat edge grooved and strengthened to prevent warping or splitting and to enhance its durability, the object of my invention being to construct a chair-seat that will be durable and strong, unyielding to vertical or lateral strain, and adapted to retain the ends of the legs, back rails, and arm-pieces without splitting—an important element over plain seats. I attain these objects by means of the peculiar construction and arrangement of the various parts of my device, which will be more fully pointed out and described in the specification and claims, reference being had to the drawings accompanying this application, and forming part of the same, in which—

Figure 1 is a vertical cross-section of my invention. Fig. 2 is a longitudinal sectional view showing edges of strips in groove. Fig. 3 is a side elevation showing groove. Fig. 4 is a top plan view of seat, showing position of clamps; and Fig. 5 is a plan view of end clamp.

Similar letters refer to like parts throughout the drawings.

Referring to the drawings, A represents a chair-seat formed of wood or other suitable material, having its sides, front and rear edges centrally grooved, forming a deep angular channel, B, in which are placed and rigidly secured strips C, which may be made of any suitable material, preferably of wood or thin strips of suitable material, *a b c*, and formed of right length and thickness to fill the channels or grooves B, formed in the edges of seat A.

Pieces *a, b*, and *c* are prepared with glue and

tightly pressed together. The insides of the grooves or channels B are prepared with glue, when the pieces *a, b*, and *c* are inserted tightly in said channel B, making a strong and durable joint, stiffening and strengthening the seat A and preventing its warping or splitting. Perforations are then made through the seat A near the edges for the reception of the ends of the back rails, D, the arm-rests E, and the legs F. These perforations are intended partially or wholly to pass through the portions *a, b*, and *c*, thereby resisting the great strain made by the parts inserted in said perforations, and forming a strong and durable chair. To further strengthen and ornament said seat A, I provide a binding corner-piece, G, formed of metal and stamped out or cut with an open center and two opposite corners extending inward in curved form and provided with perforations *d*, for the reception of dowel-pins or retaining-bolts *e*. In placing this binding-plate G upon the corners of seat A the two perforated ends are bent toward each other and pressed inward upon the upper and lower face of seat A, so that the corners of said seat protrude through the opening and the angular corners come against the edges of the seat, forming a neat and durable binding. Pins or bolts *e* are then inserted through the perforations *d* and the seat A, binding the pieces G in place.

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

1. A chair-seat having sides, front and rear edges channeled or grooved and fitted with strips of wood or metal, the corners strengthened by an overlapping metal square cut from a single piece, substantially as shown and specified.

2. A chair-seat formed of a single piece of wood, its edges provided with central longitudinal grooves, a series of thin strips of wood glued together and glued into said grooves, in combination with metal corner-pieces cut from a single blank, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

TIMOTHY KELLOGG.

Witnesses:

F. J. EVANS,
HENRY G. PAGE.