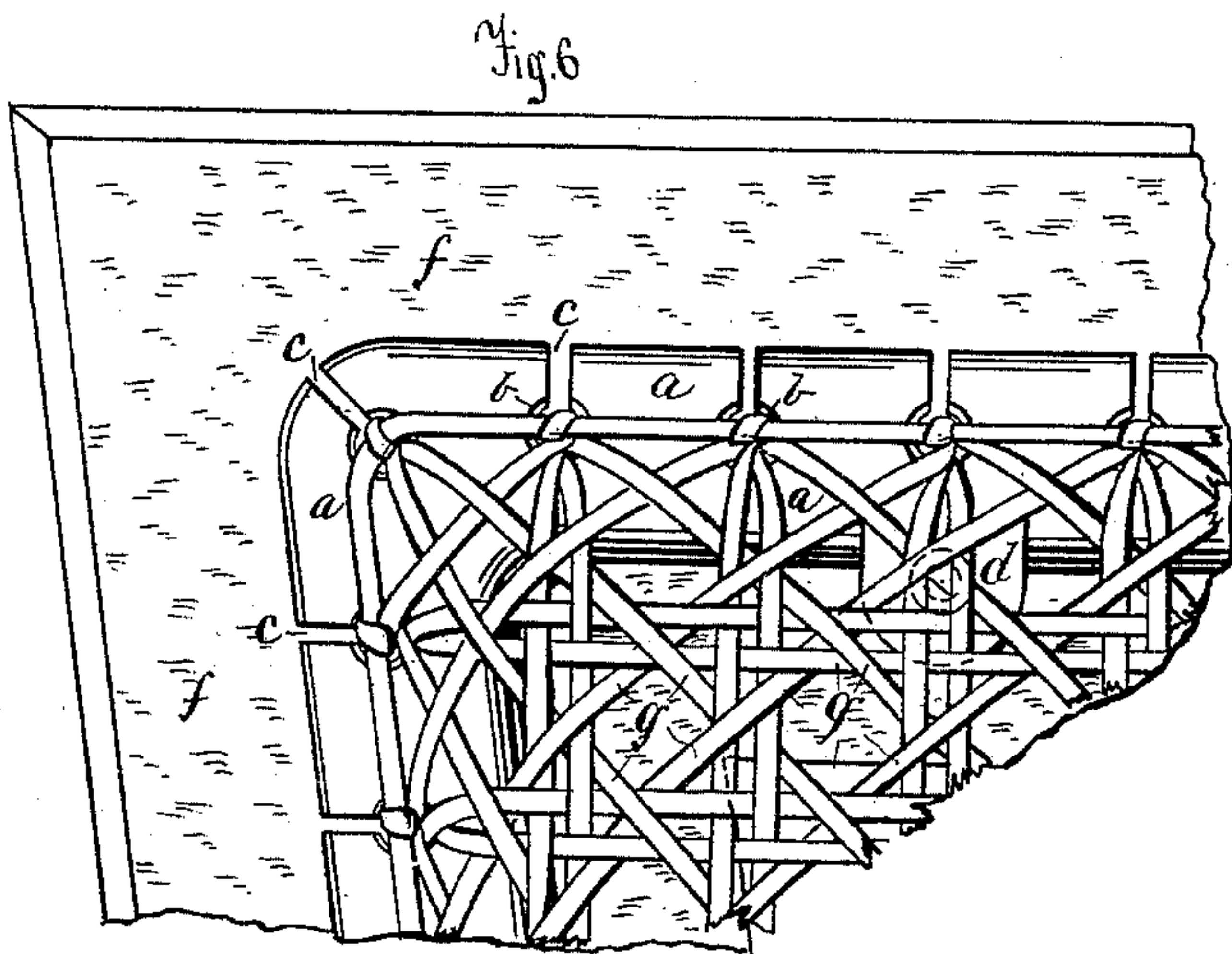
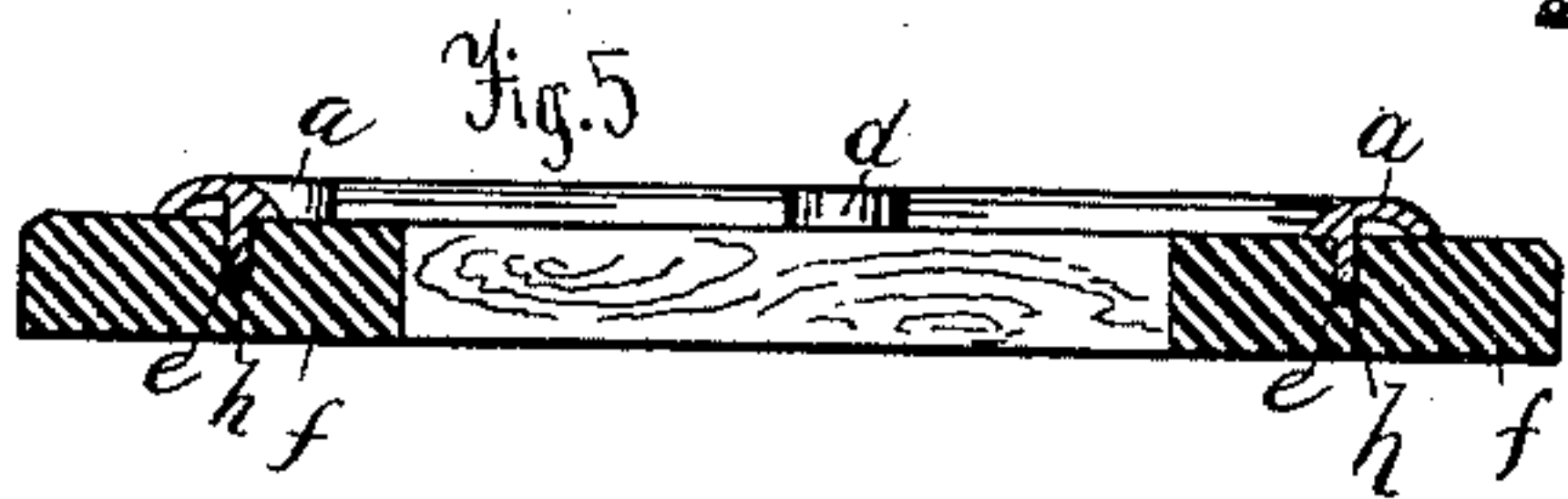
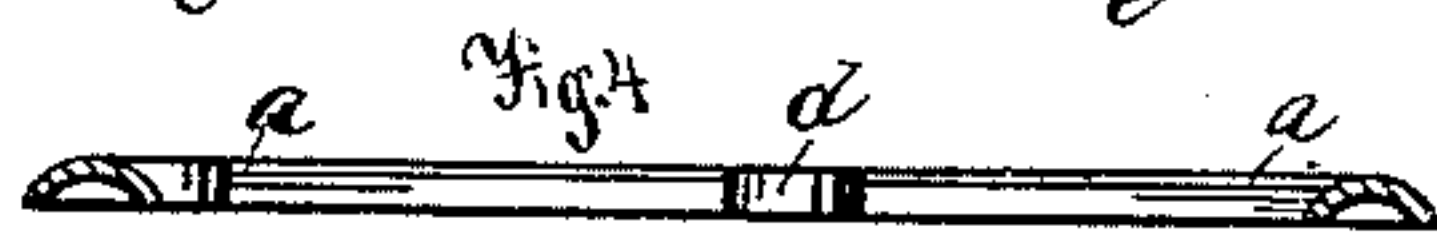
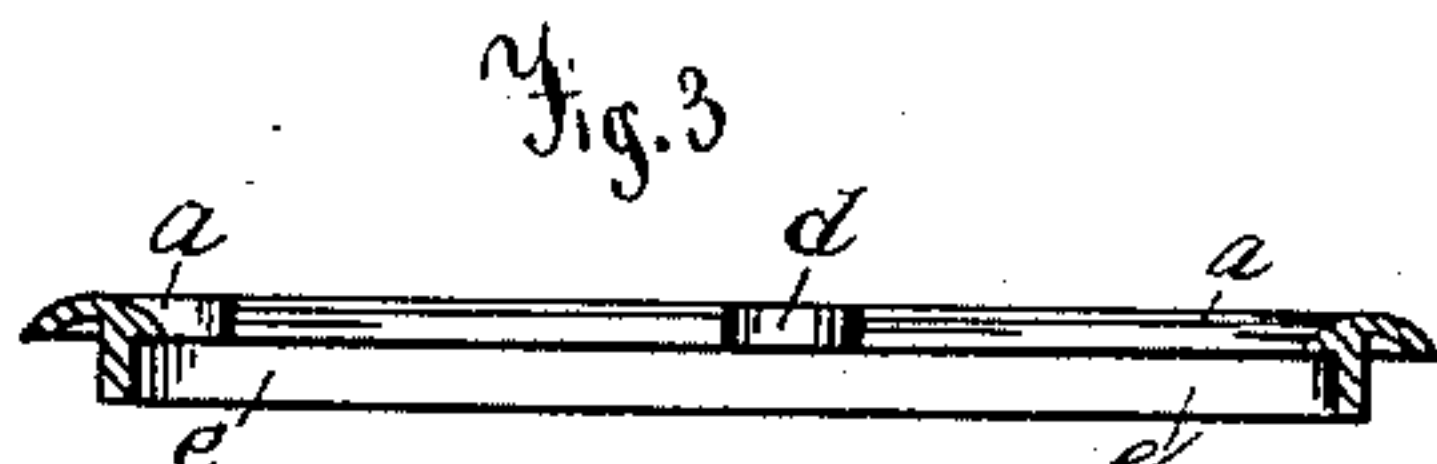
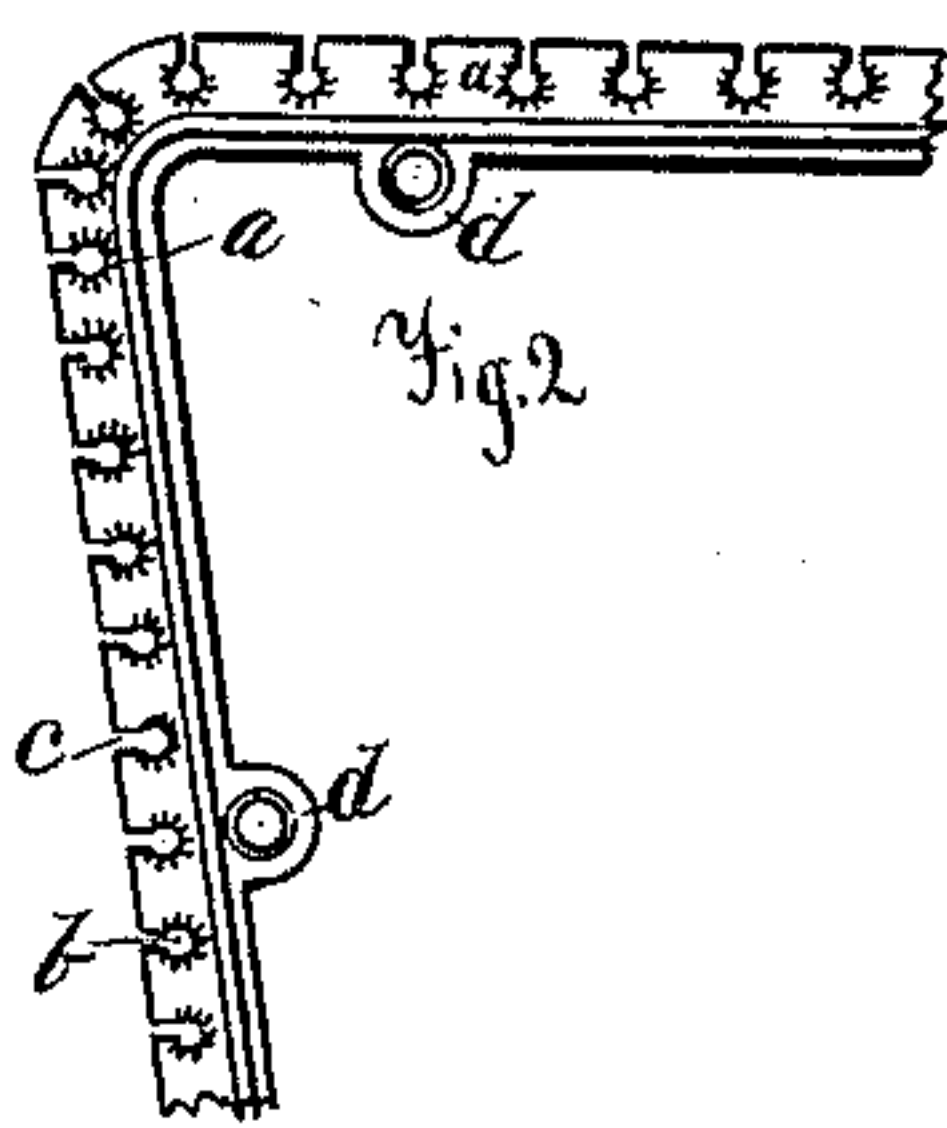
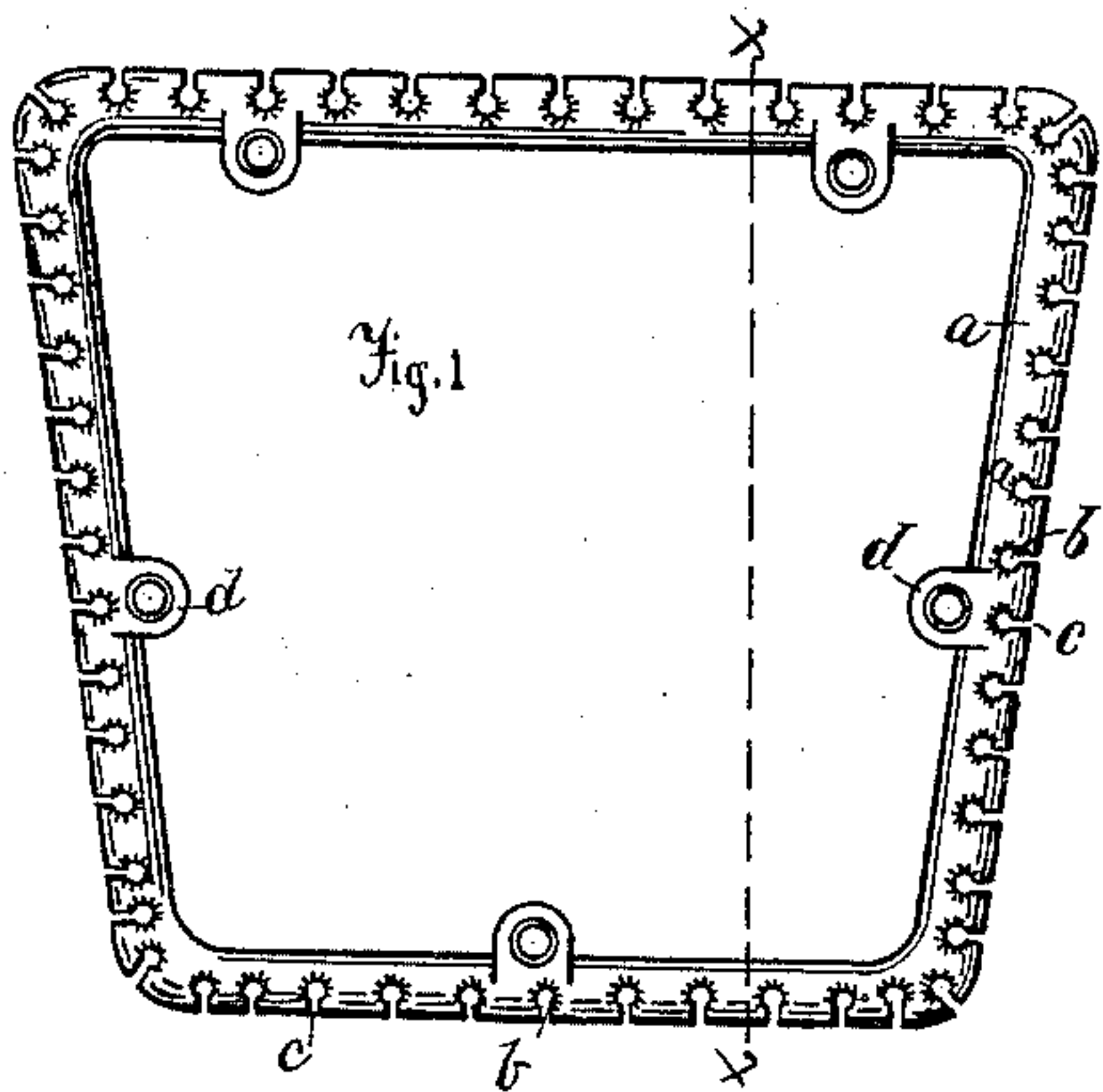


(No Model.)

J. C. HURD.
CHAIR.

No. 462,046.

Patented Oct. 27, 1891.



Witnesses
Forrest Hosmer
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Inventor
James C. Hurd
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UNITED STATES PATENT OFFICE.

JAMES C. HURD, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO FRANK K. WILLIAMS, OF SAME PLACE.

CHAIR.

SPECIFICATION forming part of Letters Patent No. 462,046, dated October 27, 1891.

Application filed February 20, 1890. Serial No. 341,201. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. HURD, a citizen of the United States of America, residing in Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Chairs, of which the following is a specification, reference being had to the accompanying drawings and letters of reference marked thereon.

The object of my invention is to provide a device of suitable shape, to which the cane strands may be easily and readily secured, which frame may afterward be fastened in position and serve also to strengthen the chair-frame as well as to support the cane strands. I accomplish the desired result by the construction and arrangement herein shown.

In the accompanying drawings, in which like letters of reference indicate like parts, Figure 1 is a top view of preferred form of frame. Fig. 2 is an inverted view of a section of the same. Fig. 3 is a sectional view taken on the line *x x* of Fig. 1. Fig. 4 is a like sectional view of the same frame in modified form, the rib being omitted. Fig. 5 is a like sectional view of Fig. 1, showing a portion of the frame provided with rib and in position on the chair-frame; and Fig. 6 is an enlarged view of a section of the chair-seat frame with a section of the cane-strand-holding frame in position.

In detail, *a* indicates the cane-holding frame; *b*, the openings therein to receive the cane strands; *c*, slots extending from the openings *b* to the outer edge of the frame. *d* indicates lugs for fastening the frame in position; *e*, a rib formed on the lower surface of the frame; *f*, the chair-frame, and *g* the cane strands.

The frame *a* is preferably made of cast metal shaped as may be desired, depending upon the shape of the chair-seat to which the same is to be applied. The upper surface of the frame *a* is convex or rounded, as shown in the drawings, and the under surface of the frame is preferably recessed to receive

the strands as they pass from opening to opening.

The frame is provided with strand-openings *b*, as shown in the drawings, which openings are of sufficient size to receive the requisite number of strands, and to facilitate the insertion of the strands in these openings I provide slots *c*, extending from the strand-openings *b* to the outer edge of the frame, as shown, so that in the insertion of the strands, instead of passing the ends through the openings in the old manner, it is simply necessary to pass the body of the strand through the slot *c* into the openings *b*, thus enabling an operative to rapidly and easily place the strands in position.

In some instances where a very strong frame is desired I provide a downwardly-projecting rib *e*, which is made integral with the frame *a*, the chair-seat frame in the latter case being provided with a slot *h* to receive the rib *e*, thus serving to strengthen the frame and hold the parts permanently in position.

In lighter chairs the rib *e* may be entirely dispensed with and the frame *a* recessed in its lower surface, as shown in Fig. 4, thus lightening the frame and providing a strand-receiving recess, allowing the frame when provided with the strands to rest evenly upon the chair-seat frame, to which it may be readily attached with screws, either passing through the frame itself or through the lugs *d* into the chair-seat frame.

These frames may be manufactured independently of the chairs and sold to chair-manufacturers or sold to individuals having chairs which require reseating. It will readily be seen that various modifications as to shape, size, or ornamentation may be made without material deviation from my invention.

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

1. The combination, with a chair-seat frame, of a strand-frame provided with transverse openings in its outer edges, with longi-

tudinal depressions in its under surface connecting said openings to receive the strands as they pass from opening to opening, and means to secure said strand-frame to the
5 chair-frame, substantially as shown.

2. As an article of manufacture, a strand-frame for chairs, consisting of a frame α , provided with transverse openings in its outer edges and having longitudinal depressions in

its under surface connecting said openings to receive the strands as they pass from opening to opening, and means for securing said strand-frame to a chair-frame, substantially as shown.

JAMES C. HURD.

Witnesses:

ALLEN WEBSTER,
FRANK K. WILLIAMS.