

(No Model.)

W. G. COLLINS.
STAIR CARPET FASTENER.

No. 426,661.

Patented Apr. 29, 1890.

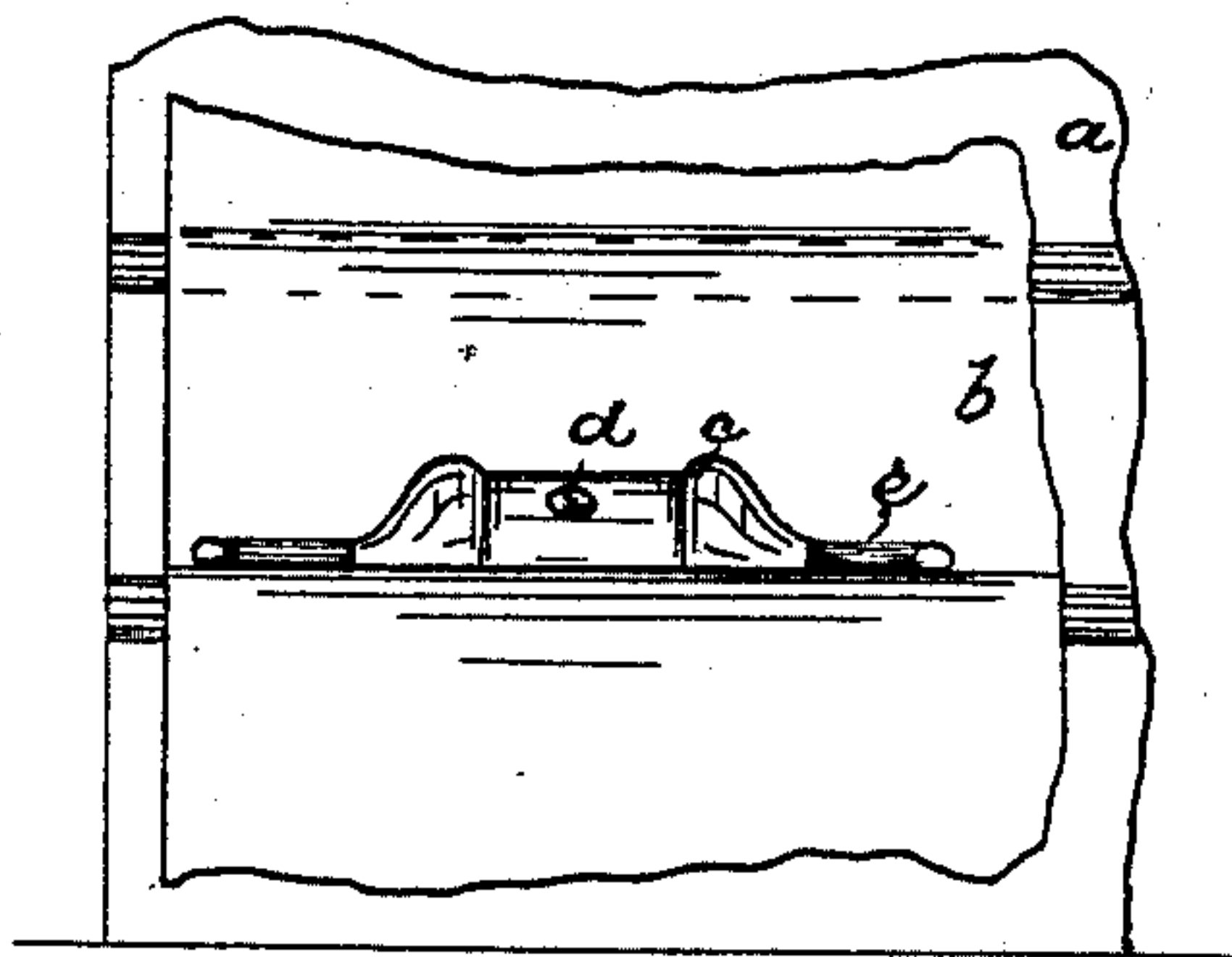


Fig. 1.

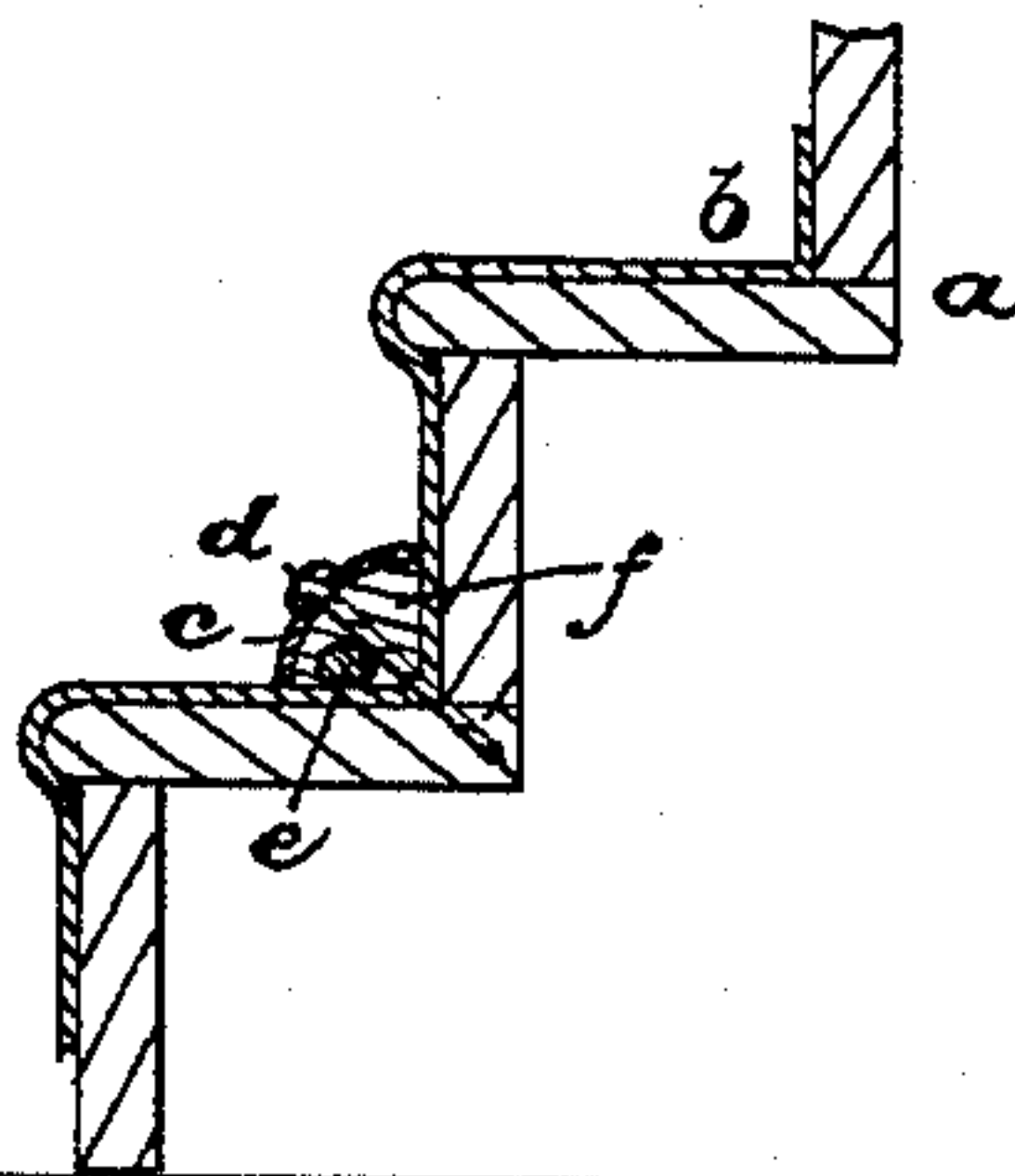


Fig. 2.

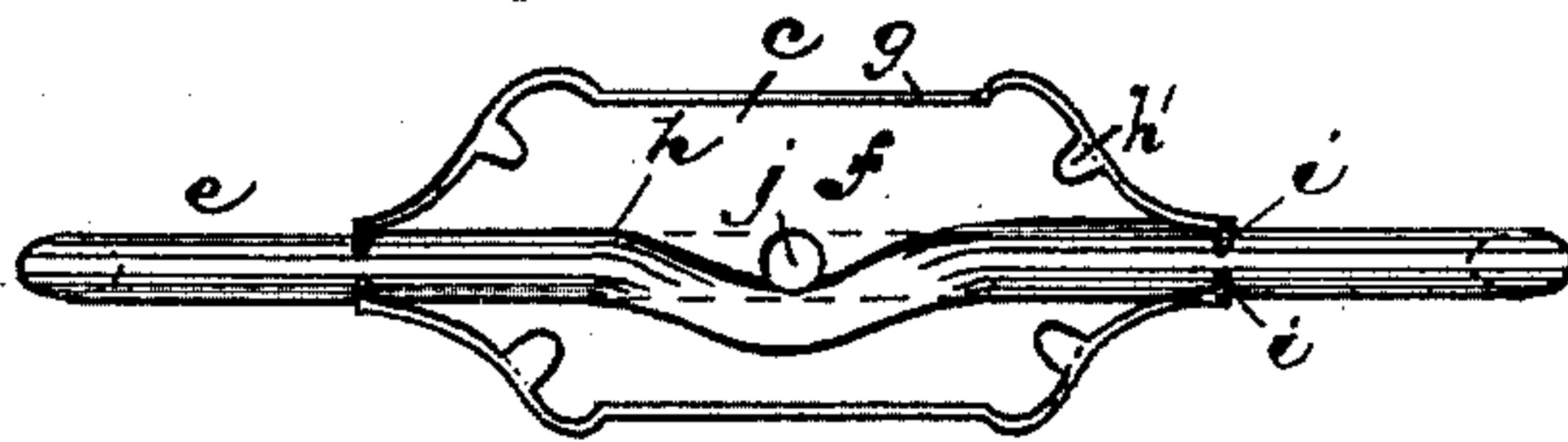


Fig. 3.

WITNESSES:

E. L. Sherman
J. S. Schmidt

INVENTOR:

William G. Collins,

BY *Drake & Co.*, ATTY'S.

UNITED STATES PATENT OFFICE.

WILLIAM G. COLLINS, OF EAST ORANGE, NEW JERSEY.

STAIR-CARPET FASTENER.

SPECIFICATION forming part of Letters Patent No. 426,661, dated April 29, 1890.

Application filed July 27, 1889. Serial No. 318,899. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. COLLINS, a citizen of the United States, residing at East Orange, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Stair-Carpet Fastenings; and I do hereby 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 letters of reference marked thereon, which form a part of this specification.

This invention relates to certain improvements in that class of stair-carpet buttons or fasteners illustrated in Patent No. 394,315, in which a triangular button is employed in connection with a nail or screw for holding the stair-carpet in position.

The object of this invention is to secure a longer bearing on the carpet at the angle between the step and riser to hold the said carpet in said angle more smoothly and to reduce the cost of construction; and it consists in the arrangements and combination of parts, substantially as will be hereinafter set forth, and finally be embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the figures, Figure 1 is a front elevation of a portion of a stairway, showing the relation of the fastener to the carpet. Fig. 2 is a section of the same, taken vertically through the fastening-pin, &c., and Fig. 3 is an inside or back view of the fastener in detail.

In said drawings, *a* indicates the steps and risers forming the stairway, *b* the carpet arranged thereon, and *c* the fastener for holding the carpet in position in connection with or by means of the fastening screw or pin *d*.

The said fastener consists of a body *f*, of wood or other suitable material, which is preferably triangular when viewed endwise or in cross-section, as in Fig. 2, having two faces to press the carpet against the step and riser and into the angle formed by the same, and a third face on which the ornament is formed, the third face being preferably provided with a metallic facing or covering *g*, which is held to said body by lugs *g'*, which extend against the rear sides, as shown in Fig. 3. To secure

a longer bearing on the carpet than can be conveniently, economically, and effectively formed out of one piece of material, I have provided a rod *e*, which extends longitudinally through said body, as indicated in Figs. 2 and 3, the ends of the rod projecting beyond the ends of said body at the inner angle of the button an inch (more or less) at each end, so as to hold the carpet smoothly in place in the angle. The body of the button is longitudinally grooved, as at *h*, to receive the rod, and at the ends of said body are formed projections *i i*, which engage the rod and hold it in the groove. The said projections are preferably formed integral with the covering. Where the hole *j* for the fastening-pin *d* is formed the rod *e* is preferably bent out of a straight course, as shown in Fig. 3, to allow for the proper passage of the said fastening-pin without perforating said rod; but said rod may be perforated, and in that event the course of the rod will be straight.

I am aware that modifications in the construction of the fastener may be made without departing from the spirit and scope of this invention; but for convenience of manufacture, economy, and general efficiency I prefer the specific construction above described.

What I claim as new is—

1. The improved stair-button herein described, combining with a body *f* a rod *e*, which extends oppositely beyond the ends of said body, substantially as and for the purposes set forth.

2. The improved stair button or fastener combining a body, a metallic covering and rod, the covering having projections to hold the rod in proper longitudinal relation to the body, substantially as and for the purposes set forth.

3. The improved stair-button combining with a grooved body having faces corresponding with the step and riser a rod secured in said groove and extending beyond the ends of said body, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of July, 1889.

WILLIAM G. COLLINS.

Witnesses:

CHARLES H. PELL,
E. L. SHUMAN.