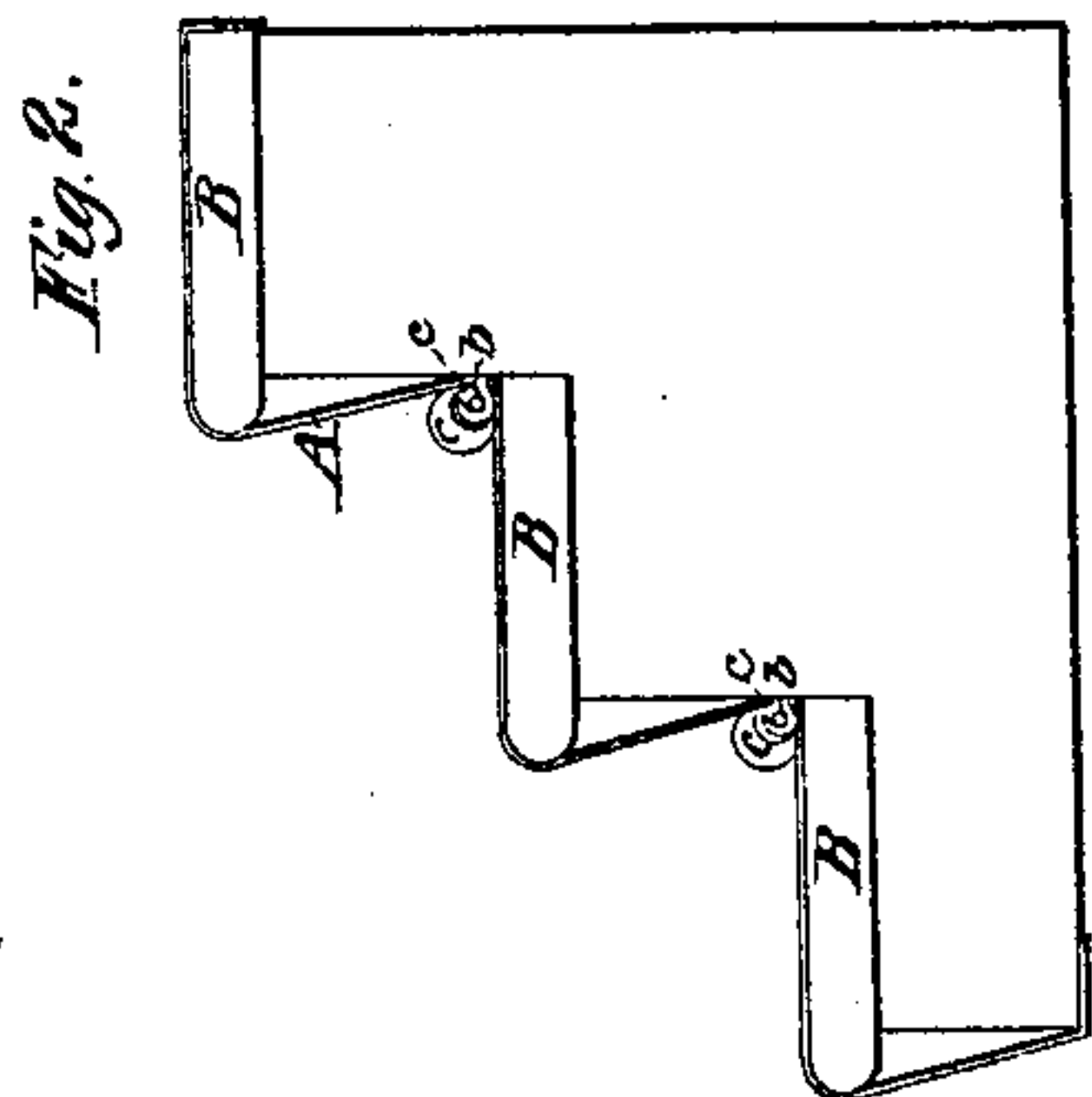
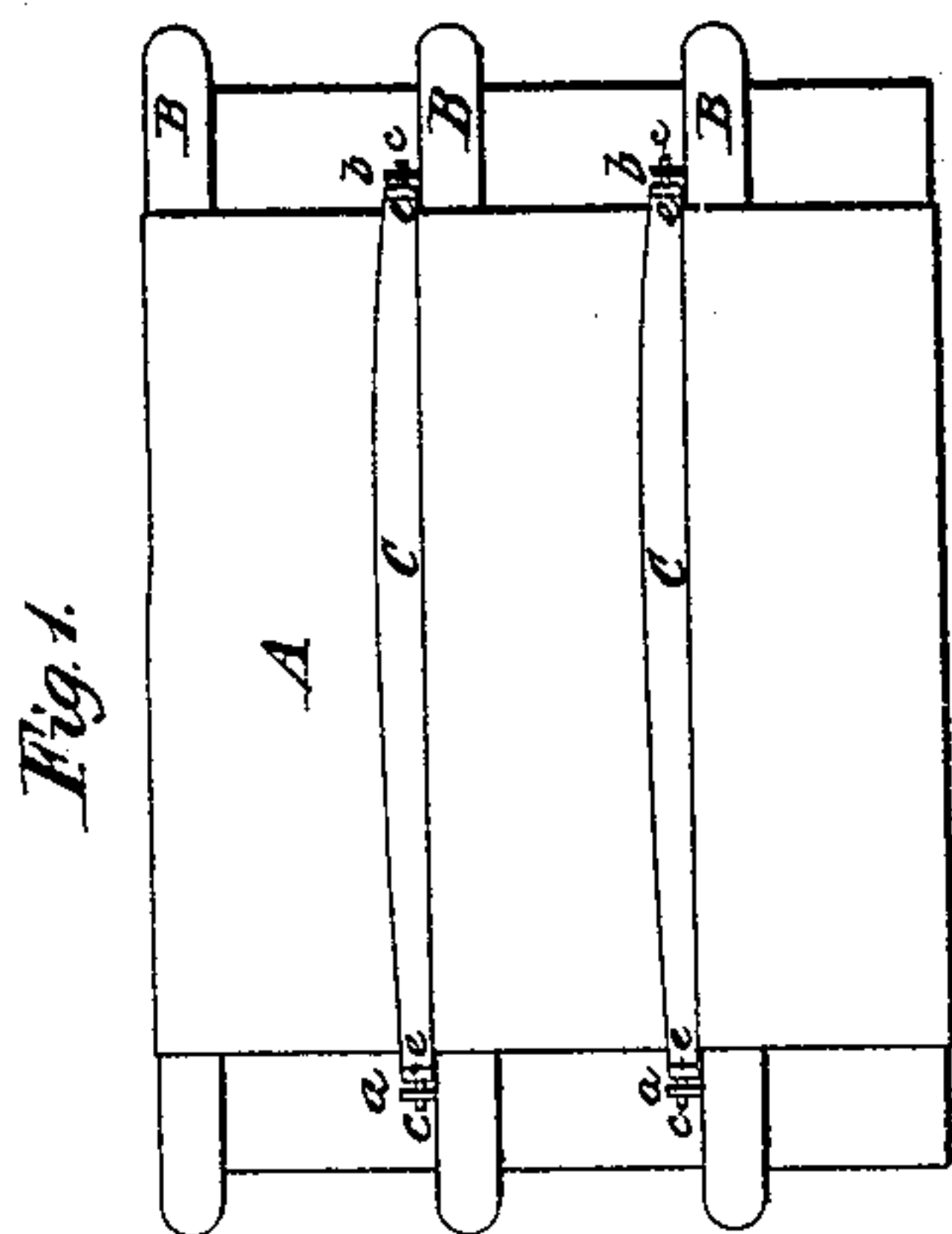
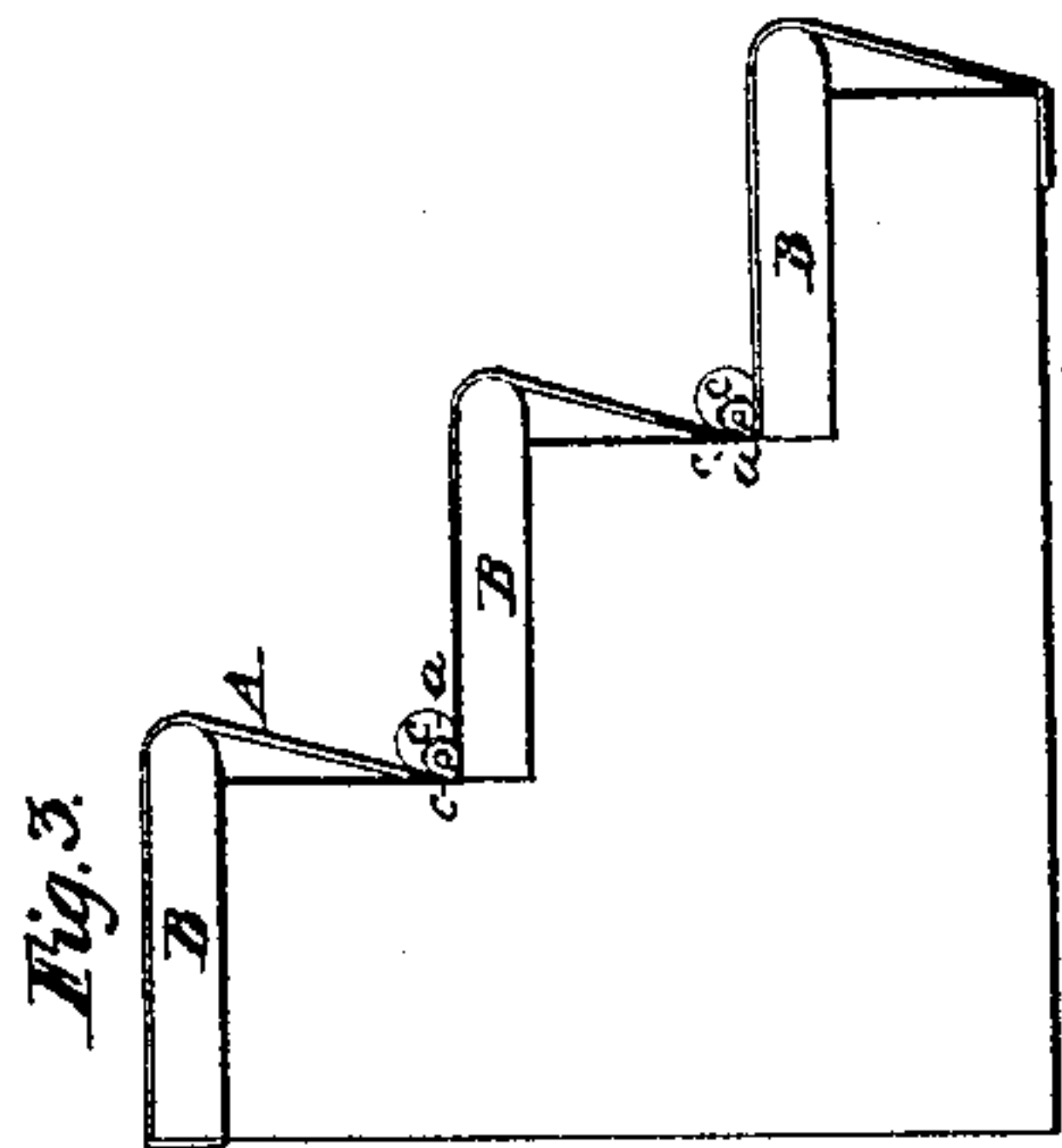


C.E. Stearns,

Stair Rod,

No 66,903,

Patented July 16, 1867.



Witnesses.
Geo. H. Andrews
R. H. Eddy Jr

Inventor.
Charles E. Stearns
by his attorney.
R. H. Eddy

United States Patent Office.

CHARLES E. STEARNS, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 66,903, dated July 16, 1867.

IMPROVED STAIR-ROD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, CHARLES E. STEARNS, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful Stair-Carpet Fastening, and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a front elevation, and

Figures 2 and 3 end elevations of it as applied to a carpet and stairs.

In such drawings, A denotes the carpet, and B B B the steps of the stairs. The purpose of the invention is to hold the carpet to the stairs at the angles of junction of each tread with the riser thereof. To this end a staple or eye, *a*, and a hook, *b*, are inserted in each riser, or arranged therein at opposite edges of the carpet and close to the tread. A bar, C, having a greater diameter at its middle than at its ends, and having studs *c c* projecting from such ends, is employed, in connection with the hook and eye, as the fastening for holding the carpet in place at the vertex of the angle of each tread and riser. The studs of the bar are inserted in the eye and hook, and with the bar running across the carpet. The bar tapers from its middle each way, and in consequence thereof it will act as a spring to hold itself in connection with the eye and hook; and as it has a shoulder, *z*, at each extremity, such bar cannot be slid endwise through either the hook or the eye, but in order to disengage it therefrom it must first be lifted out of the eye.

The common stair-rod, made of round wire inserted in two eyes, is very liable to work out of place, and has to be inserted in the eyes or withdrawn therefrom by being moved endwise with reference to them. My carpet fastening-bar cannot easily get out of its eye and hook, for the shoulders will prevent any endwise movement of it, and, besides, the spring of the bar will operate to hold it in place in the hook and eye.

I therefore do not claim the common cylindrical stair-rod and its eyes as a carpet-fastener; but what I claim as my invention, is—

The combination and arrangement of the hook and eye and the double tapering spring-bar, provided with shoulders and studs, as set forth.

C. E. STEARNS.

Witnesses:

R. H. EDDY,

F. P. HALE, Jr.