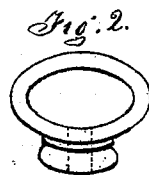
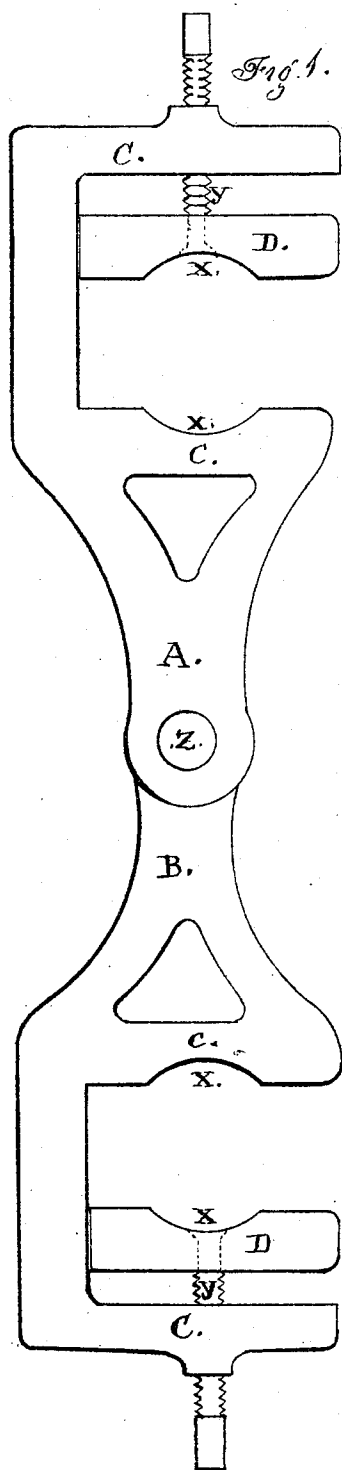


JOHN P. BROOKS.

Improvement in Coupling Clamps for Chairs.

No. 123,549.

Patented Feb. 13, 1872.



Witness

W. M. Gooding.
Edward Collier.

Inventor
John P. Brooks

UNITED STATES PATENT OFFICE.

JOHN P. BROOKS, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN COUPLING-CLAMPS FOR CHAIRS.

Specification forming part of Letters Patent No. 123,549, dated February 13, 1872.

Specification describing a Portable Detachable Coupling-Clamp for Chairs, invented by JOHN P. BROOKS, of Newark, in the county of Essex and State of New Jersey.

The invention relates to a means of attaching together movable single seats or chairs in halls, school-rooms, and like places, to prevent the scattering or misplacing of the same. The means employed are jointed clamps, so constructed as to be adapted to the varied shapes of the legs of the seats or chairs, and not injure or deface them in their use.

In the drawing subjoined the clamp is shown in full size, the two parts A and B forming at one end a movable joint, shown as connected by a rivet, Z, and on the other end of each is the jaw C, in which is a sliding bar, D, held and operated by the screws Y. The inner edges of the bar D and of the jaw C are provided with indentations on a curve, X, to clasp oval or round legs of seats; but the hollows are not large or deep enough to prevent the straight part of the faces of the bars or of the jaws from securely clasping legs that are square on their sides. To prevent trouble I make the screws Y so as to require the key-

head, Fig. 2, to turn them, the square socket shown by dotted lines in the key-head, fitting the small squares on the outer ends of the screws Y.

A series of seats connected by these clamps on their legs can with facility be placed in any required arc of a circle, or in a hollow square, or in any other desirable position for school classes, and can be drawn into straight lines for lectures or other exercises before audiences. Unlike chairs or seats having the parts of their connections permanently attached to them, when the clamps are disconnected the separation leaves the chairs without side projections, the disjointing not being at the hinge but at the legs of the chairs.

What I claim, and desire to secure, is—

The clamp, when constructed with the parts A and B, jaws C, sliding bars D, screws Y, combined and arranged as and for the purpose specified and shown.

JOHN P. BROOKS.

Attest:

W. M. GOODING,
EDWARD COLLVER.