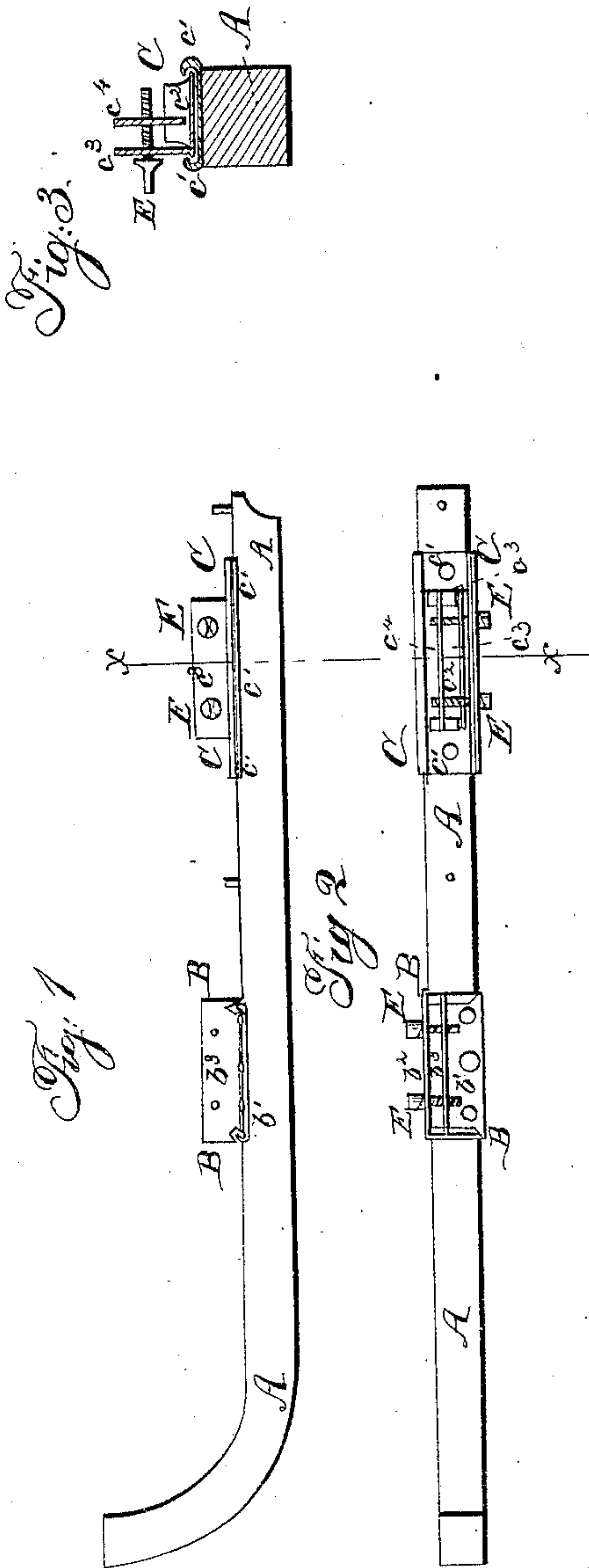


W. H. STROUP.

Sleigh-Runner.

No. 63,329.

Patented Mar. 26, 1867.



Witnesses.
Theo. Fische.
Wm. Treurn.

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W. H. STROUP, OF PITTSBURG, PENNSYLVANIA.

Letters Patent No. 63,329, dated March 26, 1867.

IMPROVED RUNNER FOR CHAIRS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. H. STROUP, of Pittsburg, in the county of Allegheny, and State of Pennsylvania, have invented a new and improved Adjustable Runner for Chairs, Camp Stools, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my adjustable runner.

Figure 2 is a top view of the same.

Figure 3 is a cross-section of the same taken through the line *xx*, figs. 1 and 2.

Similar letters of reference indicate like parts.

My invention has for its object to furnish a runner, so constructed and arranged that it may be attached to chairs, camp-stools, &c., to adapt them for use as sleds on skating-ponds, and from which they may be removed without injury to the legs of said chairs or stools; and it consists in a runner having fastenings attached to its upper edge, to receive and hold the legs of the chair or stool, and which may be adjusted to legs of any desired size; and in making one of the fastenings adjustable longitudinally, so as to adapt the runners for use upon chairs of various sizes.

A is the runner, which is made with its forward end turned up in the ordinary manner. B and C are the fastenings, by means of which the legs of the chairs or stools are secured to the runner A. b^1 is a plate, securely attached to the runner A. One side edge of the plate b^1 is turned up so as to form a flange, b^2 . The end edges of the plate b^1 are also turned up, to form grooves or guides for the ends of the adjustable plate b^3 . E are set or adjusting screws, passing through holes in the flange b^2 of the plate b^1 , and screwing into holes in the plate b^3 , so that the plate b^3 may be adjusted to chair legs of any size, and then screwed up so as to clamp the said legs between it and the flange b^2 . The fastening C is also adjustable longitudinally. c^1 is a plate, securely attached to the upper edge of the runner, both the side edges of the said plate being turned up to form grooves or guides for the edges of the plate c^2 . c^3 is a flange formed upon or attached to the plate c^2 . The end edges of the plate c^2 are turned up to form grooves or guides for the adjustable plate c^4 . E are the screws by which the plate c^4 is adjusted to the size of the chair legs, and by which the said legs are secured to the fastening. The stationary flange of the forward fastening should be near the outer edge of the runner; and the flange c^3 of the rear or movable fastening should be placed near the inner edge of said runner, when the runners are to be applied to chairs the forward legs of which are wider apart than the rear legs. But when the runners are to be applied to camp stools this is not necessary. These runners can be applied to any chair or stool or other similar article, thereby converting it into a sled convenient for use on skating-ponds and other places. And, when desired, they can readily be removed therefrom without having injured or marred the chair in the least.

What I claim as new, and desire to secure by Letters Patent, is—

1. An improved runner, having adjustable fastenings attached to its upper edge, substantially as herein shown and described, and for the purpose set forth.
2. Making one of the fastenings adjustable longitudinally, substantially as herein shown and described, and for the purpose set forth.

Witnesses:

A. S. NICHOLSON.

THOS. J. PARKER.

W. H. STROUP.