

G. W. Rogers,

Stair Rod.

No. 93,479.

Patented Aug 10, 1869.

Fig. 1.

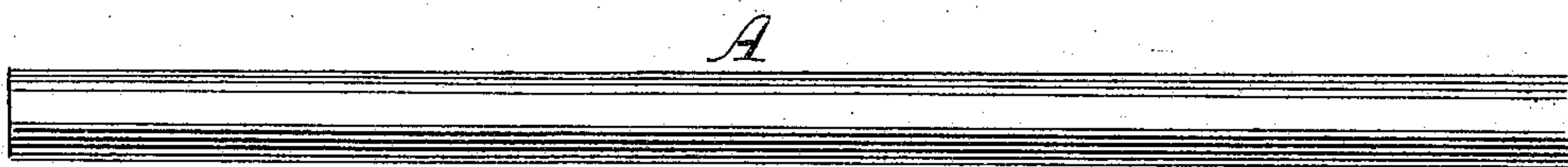


Fig. 2.



Fig. 3.

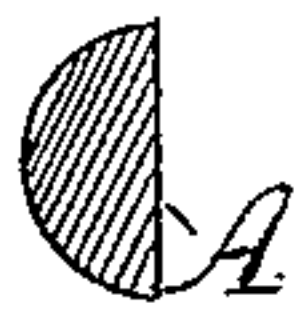
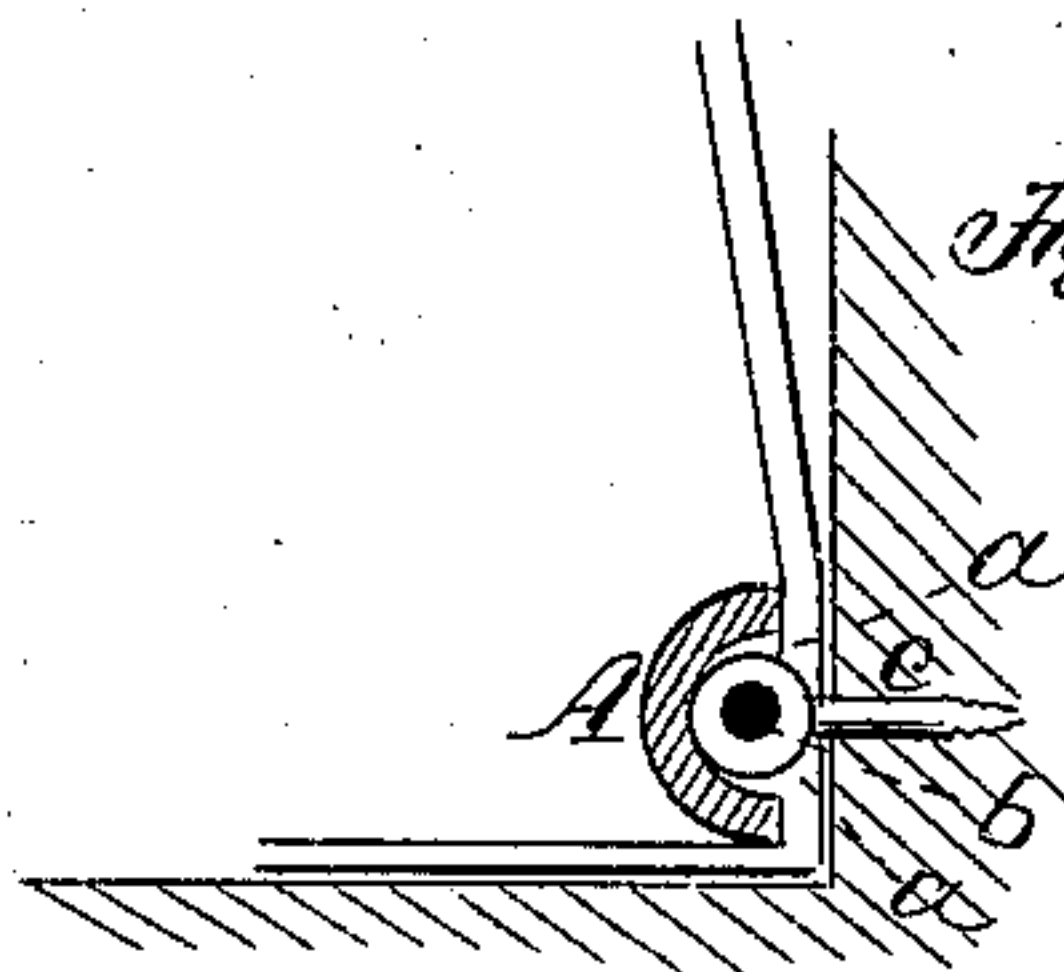


Fig. 4.



Witnesses:

Winchman
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United States Patent Office.

GEORGE W. ROGERS, OF NEW YORK, N. Y.

Letters Patent No. 93,479, dated August 10, 1869.

IMPROVED STAIR-ROD.

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, GEORGE W. ROGERS, of the city of New York, in the county and State of New York, have invented a new and improved Stair-Rod; 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 drawing, forming part of this specification, in which—

Figure 1 represents a face view of my improved stair-rod.

Figure 2 is a back view of the same.

Figures 3 and 4 are transverse sectional views of the same, taken respectively through the middle and end portions of the rod.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a cheap and reliable stair-rod fastening.

The invention consists in cutting recesses *a a* into the ends of the wooden rod, at the inner side of the same, and in fastening pins *b b* to the ends of said re-

cesses, said pins reaching quite or nearly to the ends of the rod respectively, as is clearly shown in fig. 2.

Pins *c c*, having eyes at their ends, are fastened to the stairs, and the pins *b* are then fitted through the eyes, so that thus the rod will be held in place by invisible fastenings.

I am well aware that a fastening quite similar to this is in use, where the pin is removable, but this is, for many reasons, objectionable, and I therefore do not claim it.

Having thus described my invention,

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

As an improved article of manufacture, the combination of the pins *b*, firmly inserted in the inner ends of the recesses *a*, with the pins *c*, having eyes to receive the pins *b*, as herein described, for the purpose specified.

GEORGE W. ROGERS.

Witnesses:

FRANK BLOCKLEY,
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