

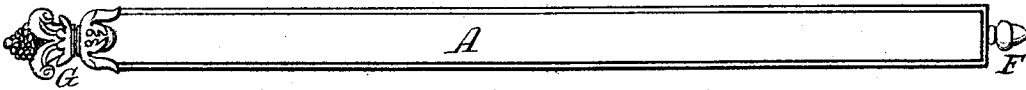
*H. Ultry,*

*Stair Rod.*

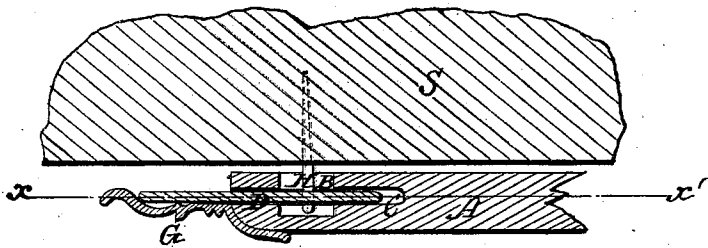
*No. 80,884.*

*Patented Feb. 9. 1869.*

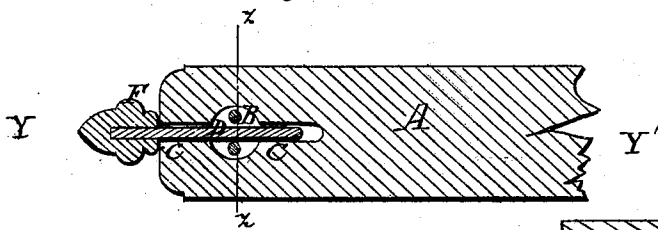
*Fig. 1.*



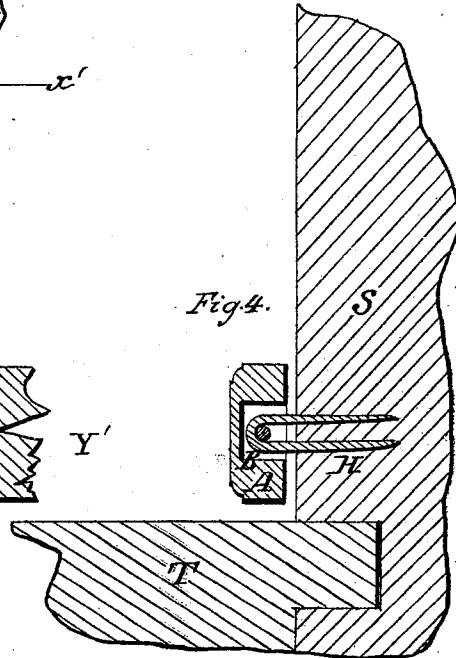
*Fig. 2.*



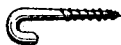
*Fig. 3.*



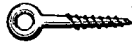
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



*Fig. 7.*



*Witnesses.*

*M. Krickl.*  
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# United States Patent Office.

H. UHRY, OF NEW YORK, N. Y.

Letters Patent No. 86,884, dated February 9, 1869.

## IMPROVEMENT IN STAIR-RODS.

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, H. UHRY, of the city of New York, in the county and State of New York, have invented certain Improvements in Stair-Rods; and I do hereby declare that the following is a full 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.

This invention relates to that class of stair-rods which are made of wood, and it is especially designed to obtain a stair-rod which, having no metal parts fastened to it, may always be cleaned, polished, or varnished with great ease.

In my drawings—

Figure 1 represents a front view of my improved stair-rod;

Figure 2 is a sectional plan through *yy'* of the end of one of my stair-rods, (drawn full size;)

Figure 3 represents a sectional elevation of the same through *xx'*;

Figure 4 is a transversal section of the same, and of part of a stair-case, through *zz'*; and

Figures 5, 6, and 7 are hooks, which may be used instead of the staple H.

### Description.

A is a stair-rod, made of wood, and of any shape or pattern desired. In my drawings, I have, for the sake of illustration, represented it as a flat bar, with chamfered edges.

This rod A has, at the points where it is desired to attach it to the stair-riser, two cavities, B B, or holes, made from the back of the rod, and not going entirely through the thickness of the same.

The two ends of the rod A are pierced with two longitudinal holes, C C, which penetrate the holes B B

on both sides thereof, so as to allow of a pin being thrust through the hole C, entirely across the hole B, as indicated in figs. 2 and 3 of my drawings.

D is a pin, having an ornamental head, either in the shape of an acorn, as F, of the shape of a leaf-forming cap, as G, or any other, to suit the taste or fancy.

H is a staple, which is driven into the riser S of the stair-case, in such a manner that it will enter the cavities B B at the back of the rod A, when said rod is in its proper place, and that the pins D D, on being thrust through the cavities B B, will also pass through the loop of the staples H H.

In lieu of the staple H, a screw-hook, fig. 5, a screw-eye, fig. 6, a screw or pin with a hole, fig. 7, or any other hook or catch will answer the same purpose.

To put on my improved stair-rod, the pins D D are to be pulled partly out, the rod is pressed against the riser S, and the pins D D being driven in so as to enter the loop of the staples H H, the rod is effectually secured.

When taken down for cleaning, the pins D D may be removed to be cleaned by themselves, or be replaced by new ones, while the rod, being now entirely of wood, may be cleaned by rubbing, oiling, varnishing, &c., with great ease.

### Claim.

The improved wooden stair-rod, herein described, having the cavities B B and holes C C, in combination with the pins D D, and staple H, or its equivalent, arranged and operating substantially in the manner and for the purpose set forth.

H. UHRY. [L. s.]

Witnesses:

M. KRICK,

H. GENGEMBRE HUBERT.