

W. T. Mersereau,

Stair Rod.

No. 107,941.

Patented Oct. 4, 1870.

Figure 1



Figure 2



Figure 3



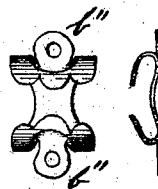
Figure 4



Figure 5



Figure 6



WITNESSES

James H. Hunter

INVENTOR

W. T. Mersereau

United States Patent Office.

WILLIAM T. MERSEREAU, OF ORANGE, NEW JERSEY.

Letters Patent No. 107,941, dated October 4, 1870.

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, WILLIAM T. MERSEREAU, of Orange, in the State of New Jersey, have invented certain new and useful Improvements in Fastening for Stair-Rods; and hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form part of this specification.

Of these drawings—

Figure 1 represents the old form of band;

Figure 2, the old form of loop; and

Figures 3, 4, 5, and 6 represent my improved loop.

This improvement relates to a new construction of loop-fastening for stair-rods.

One of the devices for the retention of the flat rod to the stair-case is a solid band passing wholly over the rod, and fastened by small nails or screws at its extremities, as seen in fig. 1. This has been widely known, and in common use for many years past.

Another of the devices, called a loop, is, to some extent, the reverse of this, the band passing behind the rod, its ends overlapping, more or less, the rod on each side, and is fastened to the stair-case by a small nail or screw at the center, as seen in fig. 2.

The former has its disadvantages, among which is its uncouth appearance on the rod, by reason of its covering it completely across, and greater liability to be injured in removal from, or attachment to, the stair-case.

The latter has also its disadvantages, among which is the inconvenient mode of fastening it to the stair-case.

Now, by my improvement, I combine with the latter construction of rod-fastening the chief characteristic of the former, namely, its mode of attachment to the stair-case.

By partially cutting out and bending over a portion of the metal in each end, *a a*, of a loop, there will be formed two ears or projecting ends, *b b*, which will answer for the holding of the tack or screw, by means of which the loop is fastened to the stair-case, thus giving the fastening for the stair-rod the combined elements of both classes of fastenings before referred to.

The ears or loop-fastening end pieces may be formed up, as shown, either in figs. 4, 5, and 6, at *b b*, *b' b'*, *b'' b''*, or the rod-clasping ends of the loop may be cut out in form substantially as shown in fig. 3, at *c c*, and then bent up, and the outside end projections *d d* left beyond, to be bent sufficiently, for the purpose of being fastened to the stair-case by means of the ends pierced for the nail or screw, as shown.

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

A thin struck-up metal stair-rod fastening, having the ends cut out, so as to form eyes for fastening to the stair, and ends formed up to clasp the rod, as set forth.

WILLIAM T. MERSEREAU.

Witnesses:

A. R. MALCOMSON, Jr.,
JAMES H. HUNTER.