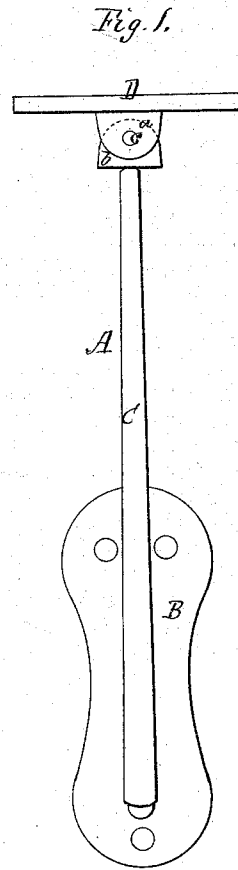
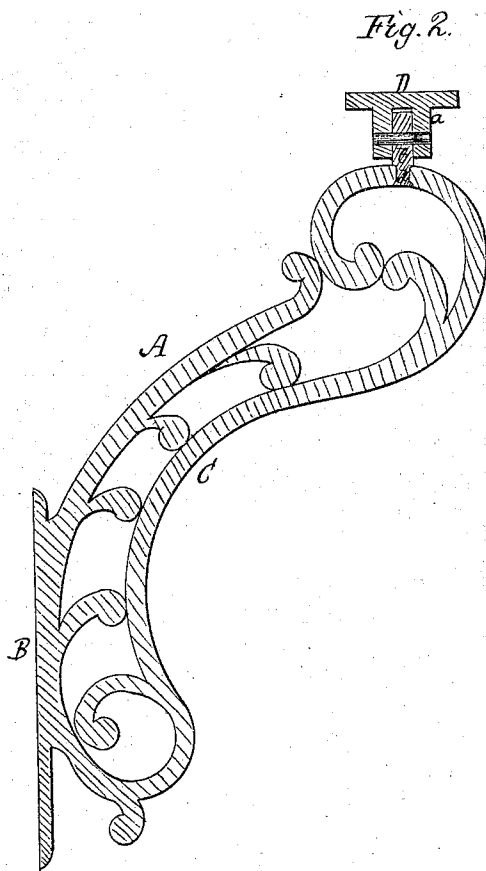


JAMES C. KELLEY.

Improvement in Stair-Rail Bracket.

No. 127,066.

Patented May 21, 1872.



Witnesses.
David Lyngeser
W. E. Boardman

James C. Kelley
By Fred. Curtis atty.

UNITED STATES PATENT OFFICE.

JAMES C. KELLEY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN STAIR-RAIL BRACKETS.

Specification forming part of Letters Patent No. 127,066, dated May 21, 1872.

To all to whom these presents shall come:

Be it known that I, JAMES C. KELLEY, of Boston, in the county of Suffolk and State of Massachusetts, have made an invention of a new and useful Improvement in Stair-Rail Brackets; and do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawing making part of this specification, and in which—

Figure 1 is an edge view, and Fig. 2 a vertical section of my invention.

The purpose of this invention is to enable a stair-rail bracket to adjust or adapt itself automatically to the angle of slope of such rail by swiveling the shelf to the body of the bracket in such manner that it is susceptible of both a free rotary horizontal motion and a vertically-tilting motion.

The drawing represents at A a stair-rail bracket, of which B is the flat plate or base which secures the bracket to the wall; C, the ornamental body of the bracket; and D, the shelf which receives and supports the stair-rail. In carrying out my invention I swivel the shelf D to the body C in any suitable manner, by which a variable or unrestricted movement of the shelf is obtained—that shown herein being to form upon the under side of the said shelf a furcated projection, *a*, to straddle a stud, *b*, to which it is pivoted by a pin, *c*, the stud, in its turn, being swiveled to the body of the

bracket by means of a journal, *d*, projecting from it, and entering a socket formed in said body.

The horizontal pivoting of the shelf to the body, as first explained, permits of a free tilting motion of the former with respect to the latter, and enables a bracket to adjust itself automatically to the slope of a stair-rail, while the vertical pivot or swivel enables a horizontal adjustment of the shelf to be obtained, thus allowing the base of the bracket to be fastened to its support, whether the said support be in the same vertical plane with the stair-rail or on one side or the other of such plane. In this manner I am enabled to avoid the labor now requisite to fit a bracket to a sloping rail.

I am aware that it is not new to connect the bracket with the stair-rail by means of a horizontal hinge; and this in itself I do not claim.

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

A stair-rail bracket in which the rail-supporting shelf is connected with the bracket proper not only by a horizontal hinge, but also by a vertical pivot or hinge, as herein shown and described, to allow the bracket to adapt itself both vertically and horizontally to the stair-rail.

JAMES C. KELLEY.

Witnesses:

FRED. CURTIS,
W. E. BOARDMAN.