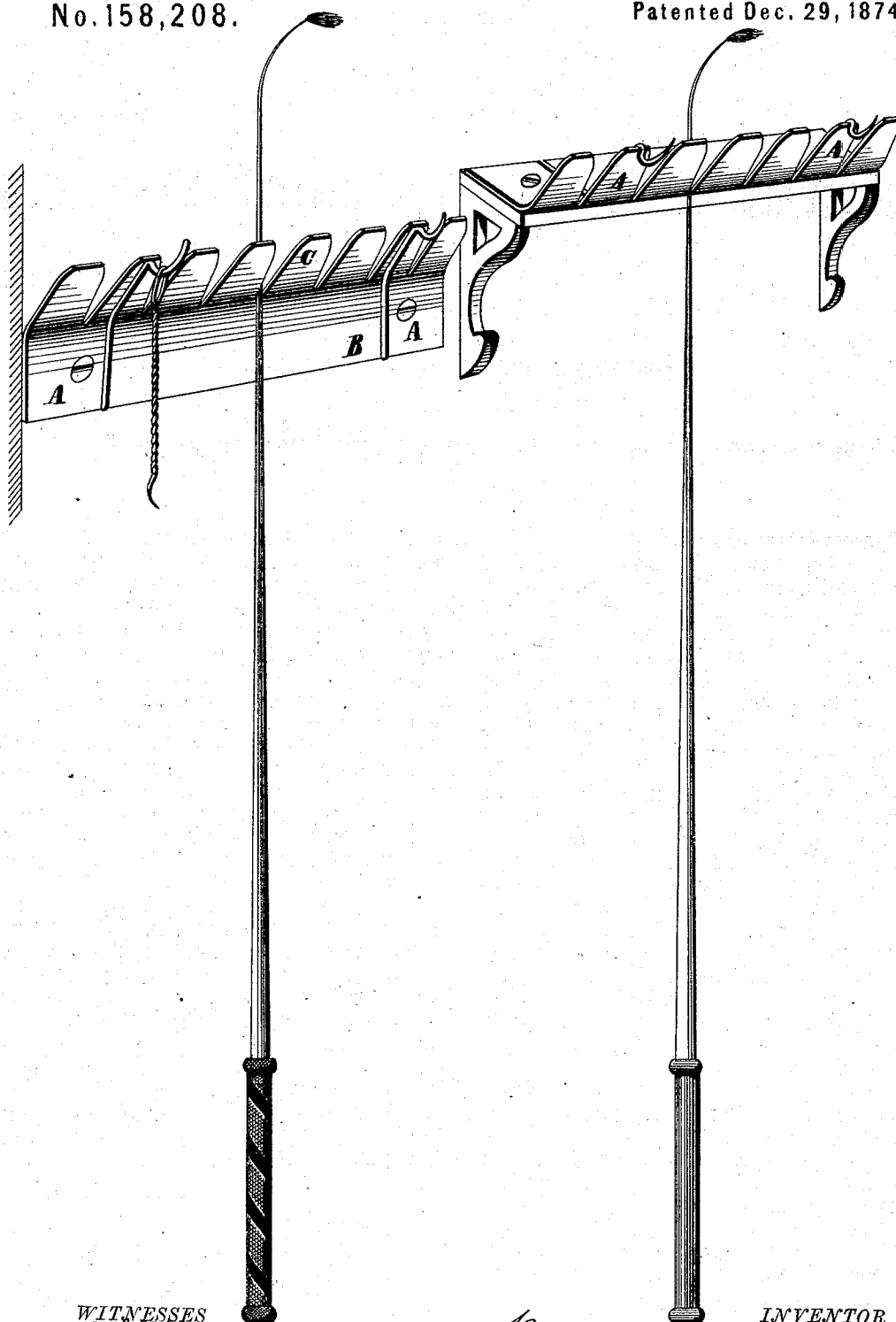


W. HALL.
Whip-Hangers.

No. 158,208.

Patented Dec. 29, 1874.



WITNESSES
W. D. Newman,
R. M. Carr.

By

INVENTOR
Warren Hall
Leggett & Leggett, Attorneys.

UNITED STATES PATENT OFFICE.

WARREN HALL, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN WHIP-HANGERS.

Specification forming part of Letters Patent No. **158,208**, dated December 29, 1874; application filed May 9, 1874.

To all whom it may concern:

Be it known that I, WARREN HALL, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Whip-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improved whip hanger or suspender; and consists of a thin flat sheet-metal plate, and attached curved hooks, a portion of said plate being inclined or bent outward at an obtuse angle from the other portion, and provided, in its front edge, with V-shaped notches, whereby the suspender may be either attached to the side of a wall or upon the top front edge of a shelf, as hereinafter more fully set forth and claimed.

The following is a description of my invention:

In the drawing is presented a view of my improvement, the upper portion of the figure showing the suspender secured upon the top front edge portion of a shelf, while the lower portion shows it attached to the side of a wall.

B is the flat portion of metal plate, that has holes through it, by which it may be fastened with nails or screws to the wall, or horizontally to the shelf, the same piece answering for either. C is a portion that is bent out at

an obtuse angle from the piece B, so that when placed against the wall this angular piece C will project at an obtuse angle upward and forward. Notches or slots are cut in the angular piece C, into which the whips are slipped and held in place.

The same piece can be attached, without alteration, to a shelf, as shown at the top of the figure, by simply inverting it.

Attached to these pieces B C are wire hooks A A, soldered thereto. There may be any number of these hooks that may be desired. They are used for the purpose of hanging up whip-lashes, or whips that have loops upon them, as indicated in the drawing.

What I claim is—

The whip-suspender herein described, consisting of the thin flat sheet metal plate B C and attached curved hooks A, the part C inclined outward at an obtuse angle from the part B, and provided in its front edge with the V-shaped notches, whereby the suspender may be either attached to the side of a wall or upon the top front edge of a shelf, substantially as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of April, 1874.

WARREN HALL.

Witnesses:

HENRY MESSER,
R. J. MANN.