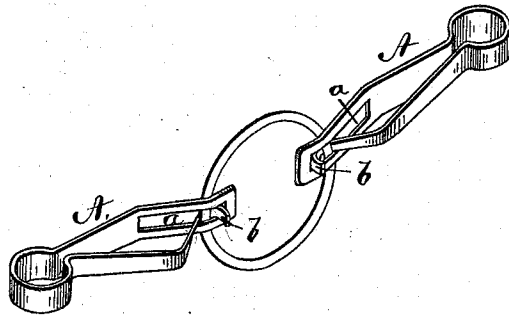


J. J. HALL.
Snap-Hooks.

No. 149,751.

Patented April 14, 1874.



WITNESSES
F. L. Quesand
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By

INVENTOR
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UNITED STATES PATENT OFFICE.

JAMES J. HALL, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SNAP-HOOKS.

Specification forming part of Letters Patent No. **149,751**, dated April 14, 1874; application filed August 13, 1873.

To all whom it may concern:

Be it known that I, JAMES J. HALL, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Snap-Hook; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a snap-hook, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view, showing two of my snap-hooks fastened to a ring.

My snap-hook is made of a piece, A, of tempered steel, brass, or any other suitable spring metal, bent in substantially the form shown in the drawing, or in any other suitable form that will answer the same purpose. One end of the metal piece A is provided with a slot, *a*,

and the other end with a hook, *b*. This hook passes through the slot *a*, and by pressing the arms of the snap-hook together the hook projects sufficiently on the opposite side to allow the ring, eye, or loop to be inserted and then caught by the hook, and when the ring, eye, or loop is thus in its place the strain is sustained by the loop of the hook, its end resting on the bottom of the slot *a*.

Having thus fully described my invention what I claim as new, and desire to secure by Letters Patent, is—

The within-described snap-hook, consisting of the metal piece A, having slot *a* at one end, and hook *b* at the other end, the hook passing through the slot, and the strain sustained by the loop of the hook, its end resting against the lower end of the slot, as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 31st day of July, 1873.

JAMES J. HALL. [L. S.]

Witnesses:

A. N. MARR,

ALBERT G. McDONALD.