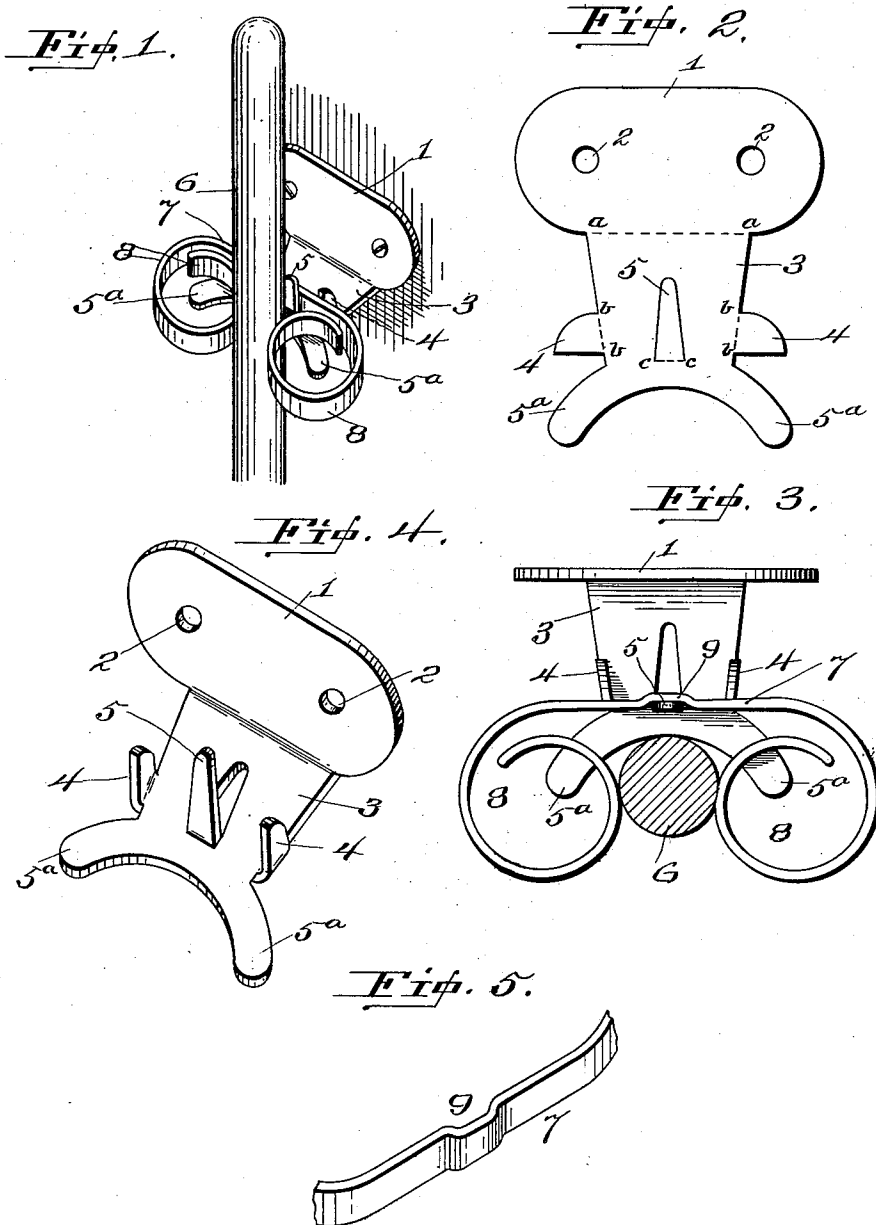


S. A. WATSON.
BROOM HOLDER.
APPLICATION FILED NOV. 27, 1909.

958,570.

Patented May 17, 1910.



Witnesses
Wm E. Volk Jr.
C. P. McBlair

Inventor
Samuel A. Watson
By C. J. Bell
Attorney

UNITED STATES PATENT OFFICE.

SAMUEL A. WATSON, OF CHESTER, VERMONT.

BROOM-HOLDER.

958,570.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed November 27, 1909. Serial No. 530,172.

To all whom it may concern:

Be it known that I, SAMUEL A. WATSON, a citizen of the Dominion of Canada, residing at Chester, in the county of Windsor and State of Vermont, have invented certain new and useful Improvements in Broom-Holders, of which the following is a specification.

This invention relates to the class of spring holders for the handles of brooms, brushes, and other similar articles capable of being suspended by their handles.

The object of the invention is to provide, a holder for broom handles and other similar articles, having such construction and arrangement of parts as will permit expeditious insertion and withdrawal of handles of various sizes and shapes.

A further object of the invention is to provide a novel and peculiar bracket for supporting the free ends of a spring holder and for forming a bearing for such ends during their movement in inserting and withdrawing a handle or the like.

A still further object of the invention is to provide a sheet metal bracket having spring holding ears struck up therefrom, and spring bearing arms projecting therefrom.

Other objects, advantages and improved results are attainable in the practical application and working of the invention.

In the accompanying drawings forming part of this application: Figure 1 is a perspective view showing the application of the invention. Fig. 2 is an elevation of a bracket-plate before being bent into applicable position, the dotted lines showing where the plate is to be bent. Fig. 3 is a top view showing a handle held by the holder. Fig. 4 is a perspective view of the bracket. Fig. 5 is a detail perspective view of the back portion of the spring.

The same reference numerals denote the same parts throughout the several views of the drawings.

The bracket is preferably stamped or cut out of sheet or plate metal, such plate adapted to be bent at the dotted lines $a-a$, and $b-b$ and $c-c$. The plate is bent on the line $a-a$ to form a back 1, having suitable holes 2, for fixing the bracket to a wall or other place where it is desirable to have the bracket attached. An arm 3 extends at right-angles to the back and projects forwardly from it. Each edge of the arm 3

has ears 4 bent upward therefrom on the dotted line $b-b$, and a tongue 5 is struck up from the center of the arm 3 on the dotted line $c-c$, so as to stand at right-angles to the arm centrally between the ears 4 in the horizontal plane of the front edge of the ears. The arm 3 has curved wings 5^a branched forwardly and laterally therefrom, and the front edge of the wings and the arm form a bearing for a broom or other handle 6. In addition to said bearing the wings 5^a form a rest or bearing upon which the free ends of the plate-spring 7 work during the insertion and removal of the broom handle between the spring ends. The wings 5^a also support the spring-ends during the holding of the latter on the handle and thereby prevent sagging of the spring-ends by reason of the weight of a broom or other article. The free ends of the spring 7 are coiled at 8, which coils meet or nearly meet in front of the tongue 5, and such ends curl inwardly so as to always have their bearing on the wings, as hereinbefore described. The spring is provided with a central offset 9 which fits over the back of the tongue 5, while the portions of the spring at each side of the off-set are held against the ears by the tongue 5, thus forming means for connecting the spring with the bracket, and preventing the displacement of the spring.

It will be seen that the wings are spread apart so that they project well under the spring-coils for supporting the latter; that the inner edge of the wings is continuous with the front edge of the arm 3, and forms a semi-circular bearing for the handle.

It is obvious that this device comprising only two parts, furnishes a simple and inexpensive holder, the size and material of which may be varied as desired, and the application of which may be carried out for various purposes consistent with the scope of the invention.

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

1. A broom holder bracket comprising an attaching back, an arm projecting forwardly from the back and terminating in lateral wings, ears projecting upwardly from the arm, and a tongue projecting upwardly from the arm between the ears.

2. In a broom holder, the combination, with a plate spring having coiled free ends and a central offset, of a bracket having an

attaching back, an arm projecting forwardly from the back and terminating in lateral wings which form bearings for the spring-ends, ears perpendicular to the arm,
5 and a tongue projecting upwardly from the arm between the ears and fitting the off-set of the spring.

In witness whereof I hereunto set my hand in the presence of two witnesses.

SAMUEL A. WATSON.

Witnesses:

N. E. CLIFFORD,

G. E. EARLE.