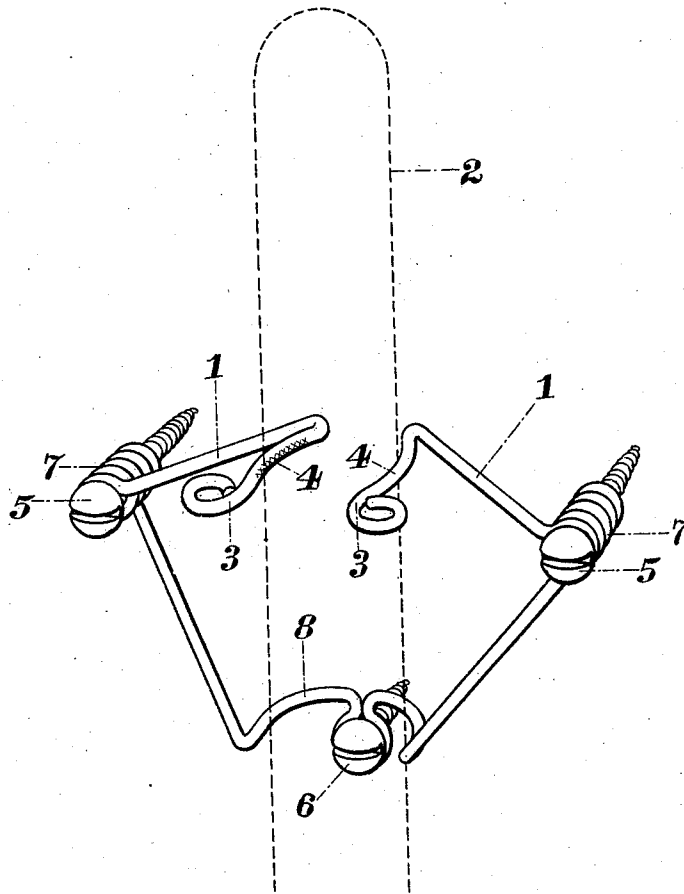


E. W. DAVIS.
HOLDER FOR BROOMS, MOPS, &c.
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991,486.

Patented May 9, 1911.



WITNESSES:

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HOLDER FOR BROOMS, MOPS, &c.

991,486.

Specification of Letters Patent.

Patented May 9, 1911.

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To all whom it may concern:

Be it known that I, ERNEST W. DAVIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Holder for Brooms, Mops, &c.

My invention relates to holding devices in general, but especially to broom holders.

The objects of my invention are to provide a holder which is of simple construction, which can be manufactured at a low cost, which can be easily and quickly operated, and which holds the broom or other article securely.

I attain these objects by the form of construction illustrated in the accompanying drawing which shows the preferred embodiment of my invention.

This device is formed from a single piece of wire. The operating principle is that of the toggle. Two opposed toggle-members, 1, 1, are so arranged that the weight of the broom 2, or other article, tends to bring said toggle-members closer together. Each toggle-member is provided with a clip 3, 3, suitably shaped for engagement with the broom 2, or other article, said clips 3, 3, being preferably roughened at the portions 4, 4, which make contact with the broom. Two ordinary round-head wood screws 5, 5, act as pivots for said toggle-members and also provide means for fastening the device to the wall or door. The screw 6 may also be used if desired. The toggle-members are held normally in a slightly inclined position by the helical springs 7, 7, which permit slight radial movement of said toggle-members.

In order to prevent oscillations of the broom or other article, which often occur when devices of this class are used on doors, a yoke or guide 8, is provided and so arranged as to partly surround said broom or other article.

The operation of this device is as follows:

The broom or other article to be held is pressed against the clips 3, 3, which pressure causes said clips to spread and at the same time slightly raises both toggle-members 1,

1. The broom or other article then slips in between said clips and occupies the position shown by the dotted lines 2. The helical springs 7, 7, bring the toggle-members together until the roughened portions 4, 4, of the clips 3, 3, bear against the broom 2, or other article, which is then released. The weight of the broom or other article then acts on the toggle-members 1, 1, thus increasing the pressure of the clips and preventing vertical motion, while the yoke 8, prevents oscillation.

While the device as here shown is constructed of wire, it is evident that other materials could be substituted, and that the specific construction here shown could be modified without departing from the spirit of the invention.

I claim:

1. In a holder for brooms, mops, etc., a plurality of opposed toggle clips, each including a helical spring; screws passing through said springs on which the latter are pivoted; said toggle clips being arranged to face each other so that the weight of a broom, or other article, introduced between said clips, tends to bring said clips toward each other; and said clips and springs being so arranged that said screws are in a position to be screwed into a vertical wall for supporting the device.

2. In a holder for brooms, mops, etc., a single piece of wire bent in such manner as to provide two opposed toggle clips, two helical springs and a yoke or guide connecting the springs and arranged in alinement with the opposed ends of the clips; said helical springs being arranged to receive preferably round-head screws; and said toggle clips being adapted to be pivoted on said screws.

In testimony whereof I affix my signature in the presence of two witnesses.

ERNEST W. DAVIS.

Witnesses:

A. P. CRISWELL,
MARY F. ALLEN.