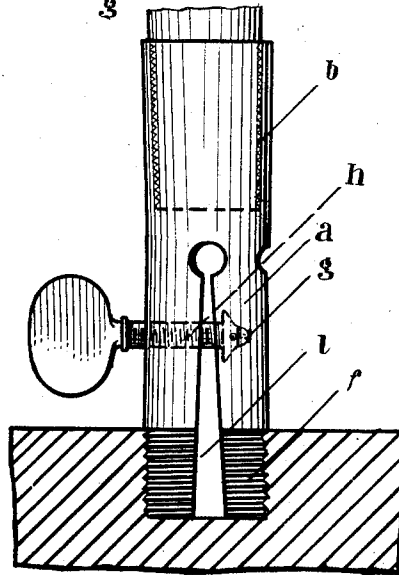
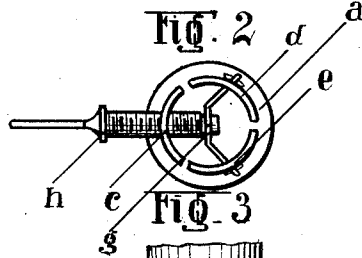
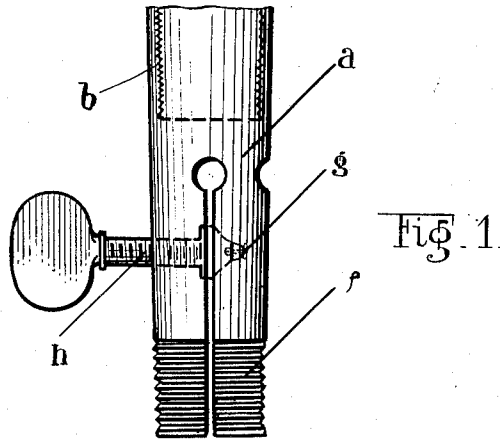


K. SCHIESS.
HANDLE ATTACHING DEVICE.
APPLICATION FILED AUG. 28, 1911.

1,043,146.

Patented Nov. 5, 1912.



Witnesses.

J. Singer
John Singer

Inventor.

Karl Schief

UNITED STATES PATENT OFFICE.

KARL SCHIESS, OF HERISAU, SWITZERLAND.

HANDLE-ATTACHING DEVICE.

1,043,146.

Specification of Letters Patent.

Patented Nov. 5, 1912.

Application filed August 28, 1911. Serial No. 646,317.

To all whom it may concern:

Be it known that I, KARL SCHIESS, a citizen of the Swiss Republic, and a resident of Herisau, Switzerland, have invented certain
5 Improvements in Handle-Attaching Devices, of which the following is a specification.

The present invention relates to a device for holding the handle of a broom, scrubbing brush, or the like, so connected to its
10 socket in the stock that, while it can be firmly secured to said pocket, it can also be easily removed therefrom.

According to the invention, the handle is
15 screwed into a sleeve which has its opposite end fitted in the socket in the broom stock or the like. The end of the sleeve which is fitted in the socket is split into three parts. Two of these parts are connected by means
20 of a resilient bridge piece to which a thumb screw, threaded in the third part, is swiveled. The screw and the bridge piece thus act as a kind of toggle-mechanism for closing up the parts of the sleeve or spreading
25 them apart when the screw is adjusted.

In the accompanying drawings the invention is illustrated, Figure 1 representing a side view of the holder, Fig. 2, a bottom
30 plan of the same, and Fig. 3, a side view of the holder as fitted in the broom stock.

The device consists of a sleeve *a* having at one end an internal screw-thread *b* for the reception of the broomstick. The opposite end of the sleeve *a* is split into three
35 parts *c*, *d* and *e* of which *d* and *e* have their center portions connected by means of a resilient, bow-shaped bridge piece *g*, the latter being arranged at some distance from the end of the sleeve. A thumb-screw *h*
40 is threaded in the third part *c* and has its inner end swiveled to the bridge piece *g*, as

shown in Fig. 2. From this construction it follows that the screw *h* and the bridge piece *g* will act as a kind of toggle-mechanism, the adjustment of the screw in the
45 part *c* causing the parts *d* and *e* to move away from and close up against one another and the part *c*. The outermost ends of the parts are provided with an external screw-thread *f* or with circular grooves or
50 projections adapted to take into the wall *i* of the broom stock socket and hold the elements securely together. It is evident that when the sleeve *a* is thus inserted into the
socket and the parts *c*, *d*, *e* are spread apart
55 by the adjustment of the screw *h*, a secure fastening of the stick to the socket takes place. On the other hand an easy removal of the stick is effected by closing up the
60 parts.

I claim:

A broomstick and like holder, comprising a sleeve having at one end an internal screw-thread for the reception of the stick, the
65 other end having external transverse grooves for engagement with the broom stock socket and being split into three parts, a bow-shaped resilient bridge piece connecting the center portions of two of said parts
70 some distance from the end of the sleeve, and a thumb-screw threaded in the third part and swiveled with its inner end to the bridge piece so as to act, together with the
75 latter, as a toggle-mechanism for closing up the parts of the sleeve or spreading them apart when it is adjusted, substantially as set forth.

KARL SCHIESS.

Witnesses:

ALBERT PHILLIPS,
RANDALL ATKINSON.