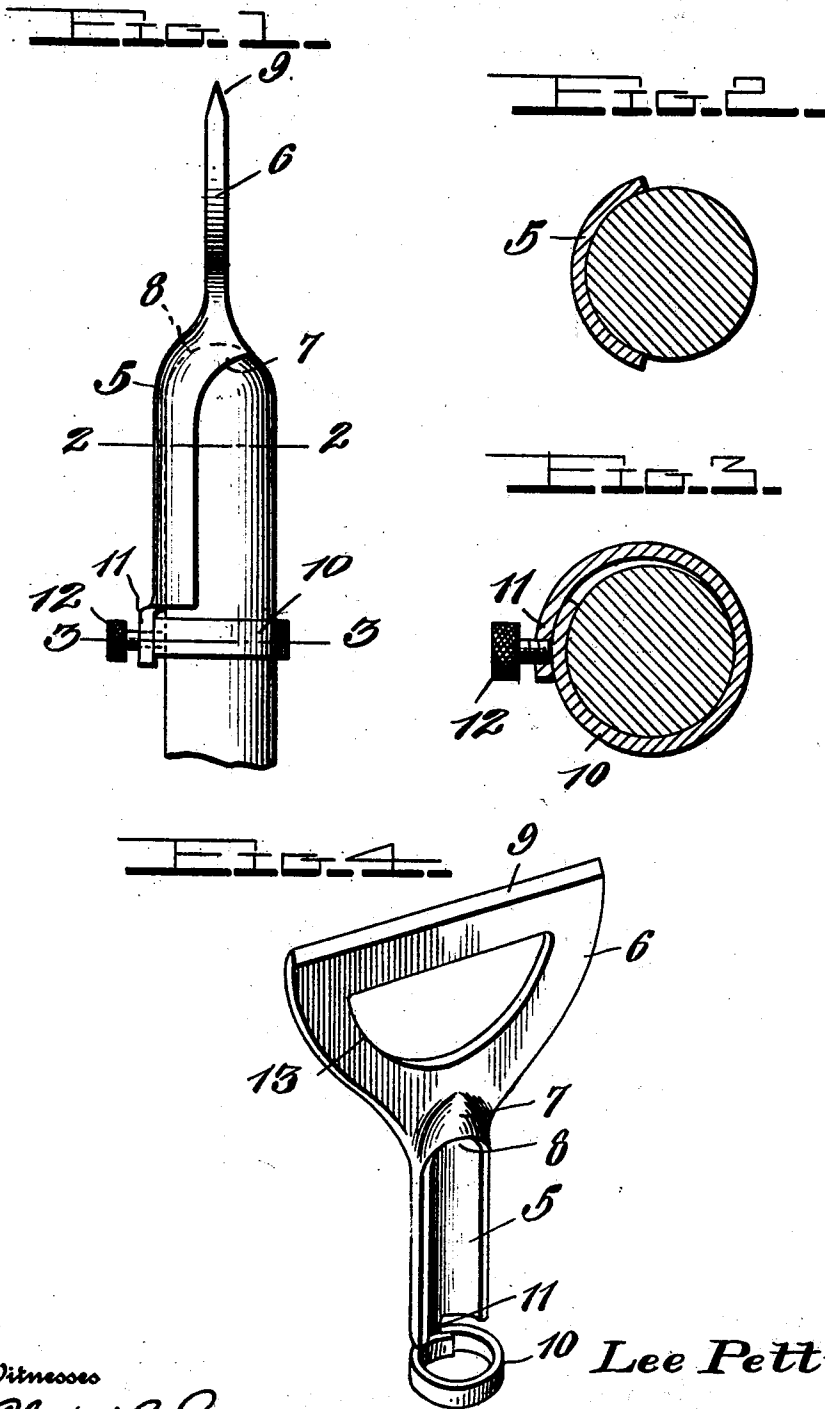


L. PETTIT.
SCRAPER.

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1,018,518.

Patented Feb. 27, 1912.



Witnesses

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LEE PETTIT, OF CLEBURNE, TEXAS.

SCRAPER.

1,018,518.

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To all whom it may concern:

Be it known that I, LEE PETTIT, a citizen of the United States, residing at Cleburne, in the county of Johnson and State of Texas, have invented certain new and useful Improvements in Scrapers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to floor or wall scrapers and more particularly to a scraper attachment for broom handles, the invention having for its primary object the provision of a very simple and inexpensive device of this character which may be easily and quickly attached to or removed from the end of the broom handle.

Another object of the invention is to provide a scraper attachment of the above character which is so constructed that the same may be applied to a broom handle of any diameter and rigidly secured thereon.

Still another object of the invention is to provide a device of strong and durable construction and one which is of great convenience and very efficient in practical use.

With the above and other objects in view, the invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved scraper showing the same attached to the end of a broom handle; Fig. 2 is a section taken on the line 2—2 of Fig. 1; Fig. 3 is a section taken on the line 3—3 of Fig. 1; and Fig. 4 is a detail perspective view of the scraper.

Referring in detail to the drawing B indicates a broom handle upon the end of which my improved scraper attachment is adapted to be secured. The attachment is formed from a single metal plate and comprises an elongated concavo-convex body portion 5 upon one end of which the scraping blade 6 is formed. This scraping blade is offset or disposed out of the same longitudinal plane as the body portion 5 and at the point of juncture of said body portion with the blade, the metal is extended laterally beyond the longitudinal edges of the body portion as indicated at 7 to form a relatively broad bearing seat 8 for the rounded end of the broom handle, said seat being concave so as to closely engage with the end of the handle. The scraping blade

6 is of rectangular form in cross section and is widened so that the same extends beyond opposite sides of the broom handle to provide an extensive scraping edge 9. Upon the other end of the body 5 of the attachment an annular resilient band 10 is formed, said band extending in a plane at right angles to the longitudinal plane of the body 5 and adapted to completely surround the handle of the broom. The body 5 is provided with a longitudinally disposed offset extension 11 which is centrally formed upon its end and with this offset, one end of the resilient band 10 is integrally connected. The free end of said band is adapted to be disposed between the periphery of the broom handle and the inner face of the extension 11. A set screw 12 is threaded in this extension and is adapted to engage the end of the band and tightly bind the same against the broom handle whereby longitudinal movement of the body of the scraper upon said handle is effectually prevented. By providing the resilient band 10, the attachment may be readily applied to broom handles of various diameters. It will also be readily seen that by forming the extension 7 upon the body of the device which extends beyond the center of the broom handle, liability of disengagement of the handle from the surface of the seat 8, in the use of the device is overcome and undue strain upon the body 5 is obviated.

From the foregoing it is thought that the construction and manner of applying my improved scraper attachment will be fully understood. The device will be found of great convenience in the scraping of floors or walls to remove matter which has adhered thereto. The scraper may also be easily and quickly attached to or removed from the end of the handle and when properly applied will be very rigidly retained in position and held against accidental displacement. The device can also be manufactured at an extremely low cost as the same is constructed from a single piece of metal.

If desired, it will be understood that the use of the set screw 12 may be dispensed with and the clamping engagement of the band 10 upon the broom handle relied upon to hold the attachment in place.

While I have shown and described the preferred form and proportions of my improved scraper, it will be understood that the device is susceptible of considerable

modification without departing from the essential feature or sacrificing any of the advantages of the invention.

I have also provided the blade 6 with an enlarged opening 13, whereby this device when mounted on a broom handle, may be readily engaged with a nail, hook or the like, whereby the complete device may be readily hung upon a wall when not in use. This opening will, of course, lessen the amount of material necessary in the manufacture of the blade and thereby lessen the weight of the same.

Having thus described the invention what is claimed is:—

The combination with a cylindrical handle, of a scraper attachment for said handle comprising an elongated concavo-convex body adapted to be engaged upon the periphery of the handle and having a lateral extension on one end provided with a concave seat to be engaged by the end of the handle, a scraping blade integrally formed upon said body

and disposed out of alinement therewith, said body having a longitudinal offset extension centrally formed on its other end, a resilient clamping band integrally formed at one end with said extension and disposed in a plane at right angles to said body, said band being adapted for clamping engagement upon the periphery of the handle, the free end of said clamping band being adapted to be received between said extension and the periphery of the handle, and a set screw threaded in said offset extension of the body and adapted to engage the free end of the clamping band and rigidly secure the same in engagement with the handle to prevent relative movement of the attachment thereon.

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

LEE PETTIT.

Witnesses:

WILL EDWARDS,
J. C. SMYTH.