

(No Model.)

C. E. JENNINGS & P. H. MUELLER.
SPITTOON CARRIER AND WASHER.

No. 465,781.

Patented Dec. 22, 1891.

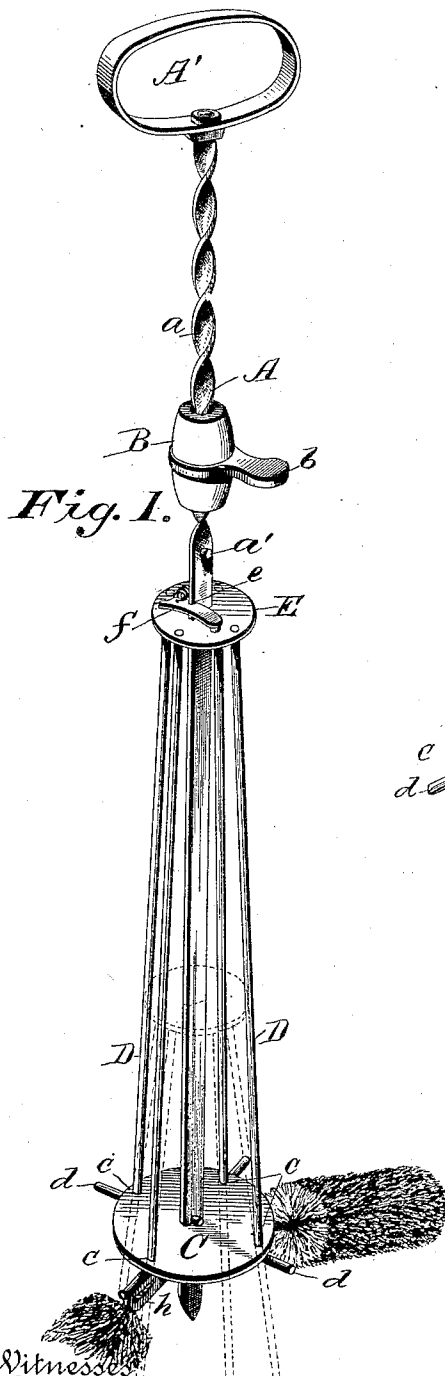


Fig. 1.

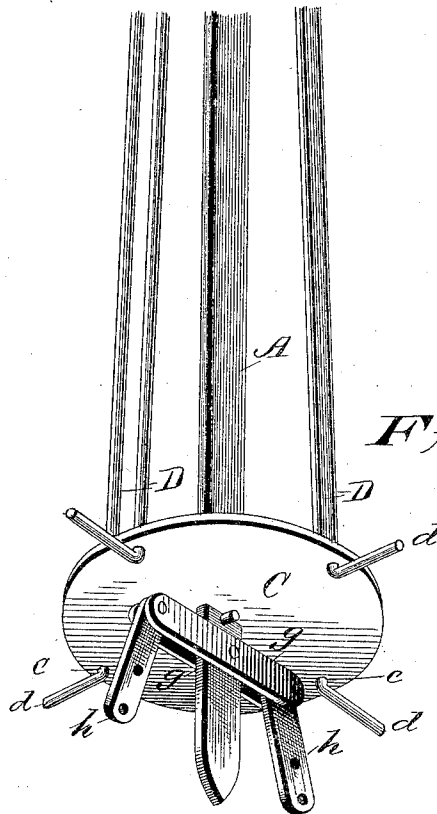


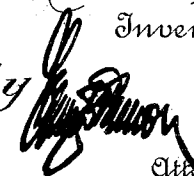
Fig. 2.

Witnesses

L. S. Elliott

E. M. Johnson

Charles E. Jennings,
Paul H. Mueller,
Inventors,

by 
Attorney

UNITED STATES PATENT OFFICE.

CHARLES E. JENNINGS AND PAUL HERMAN MUELLER, OF LEWISBERRY,
PENNSYLVANIA.

SPITTOON CARRIER AND WASHER.

SPECIFICATION forming part of Letters Patent No. 465,781, dated December 22, 1891.

Application filed July 30, 1891. Serial No. 401,189. (No model.)

To all whom it may concern:

Be it known that we, CHARLES E. JENNINGS and PAUL HERMAN MUELLER, citizens of the United States of America, residing at Lewisberry, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Spittoon Carriers and Washers; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in devices for carrying and cleaning cuspidors.

The object of the invention is to provide a cheap, simple, and effective device having expandible arms which are adapted to engage with the cuspidor for carrying the same, said device also carrying brushes which are rotated within the cuspidor for cleaning the same; and the invention consists in providing a rod having a spiral portion, upon which is mounted a slide for rotating the brushes carried by the lower end of the rod, said rod also carrying a stationary disk having apertures, through which pass arms attached to a sliding disk, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view showing the parts in full lines in a position for cleaning a cuspidor and in dotted lines for carrying the same. Fig. 2 is a detail perspective view.

A refers to the supporting and operating rod, which is preferably made of a flat piece of metal, the upper portion of which is twisted to form a spiral *a*, upon which is mounted a slide B, having a projecting handle *b* for operating the same. A handle *A'* is loosely attached to the rod, so that said rod can turn, while the handle is held rigid. Immediately below the spiral portion *a* is located a pin *a'* for limiting the movement of the slide.

To near the lower end of the rod *A* is rigidly secured a disk or plate C, having apertures *c*, through which pass arms D, the lower ends of which are bent outwardly, as shown

at *d*. The upper ends of these arms are rigidly attached to a disk E, which is slotted to slide upon the lower or straight portion of the rod, and said rod at a suitable point below the stop *a'* has a recess *e*, with which a spring-actuated catch *f*, carried by the disk E, engages. When it is desired to extend or spread the lower ends of the arms D, it is only necessary to release the catch and slide the plate or disk E downward, and as the disks E and C are brought together the ends *d* will be projected, and as the mouth of a cuspidor is usually of less diameter than the body portion it can be supported upon the bent ends.

At a point near the lower end of the rod *A* are secured cross-pieces or plates *g g*, at the ends of which are pivotally secured links *h h*, which carry the brushes for cleaning the cuspidor. These brushes are preferably of circular form, made up of bristles secured by coiled wires.

When the device is placed within the cuspidor, the handle *A'* is grasped and the slide moved up and down, which movement rotates the rod and brushes carried thereby back and forth.

By means of the device hereinbefore described we provide a cheap and effective device for both carrying and cleaning cuspidors.

We are aware that prior to our invention it has been proposed to provide a rod with a spiral portion and a slide for rotating the rod when reciprocated, the lower end of the rod carrying brushes, and we do not therefore claim such construction, broadly; but

What we do claim as new, and desire to secure by Letters Patent, is—

1. In a combined cuspidor carrier and cleaner, a rod having a flat portion and a spiral portion, a handle pivotally secured to the upper end thereof and a slide mounted on the spiral portion, a movable disk E, arms D, attached thereto, together with a stationary disk C, rigidly secured near the lower end of the rod, said disk having apertures through which the arms D pass, and brushes carried by the rod beneath the disk, substantially as shown, and for the purpose set forth.

2. In combination with a rod having a stationary disk C secured near its lower end, a movable disk E, having arms D rigidly at-

tached thereto, said arms passing through the disk C and provided with outwardly-bent ends, and a spring-actuated catch carried by the movable disk for locking the same to the rod, substantially as set forth.

3. In combination with a rod having a coiled portion *a*, a handle A', pivoted thereon, the lower end of said rod having bars *g g*, to which links *h h*, carrying brushes, are attached to free outer ends of said links, substantially as set forth.

4. In combination with the rod A, having a twisted portion *a* and handle A' pivoted to its upper end, a slide B, moving on the spiral portion, bars *g g*, secured to the lower end of the rod, and links *h h*, pivotally secured between said bars and carrying brushes, substantially as shown, and for the purpose set forth.

5. In combination with the rod A, a disk C, fixed thereon and provided with apertures *c*, arms D, secured to a sliding disk E and passed through the apertures in the stationary disk, the lower ends of which are bent, as shown, together with a spring-catch pivoted to the sliding disk E and adapted to engage with a notch in the rod, substantially as shown, and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

CHARLES E. JENNINGS.
PAUL HERMAN MUELLER.

Witnesses:

W. P. SMITH,
E. H. WRIGHT.