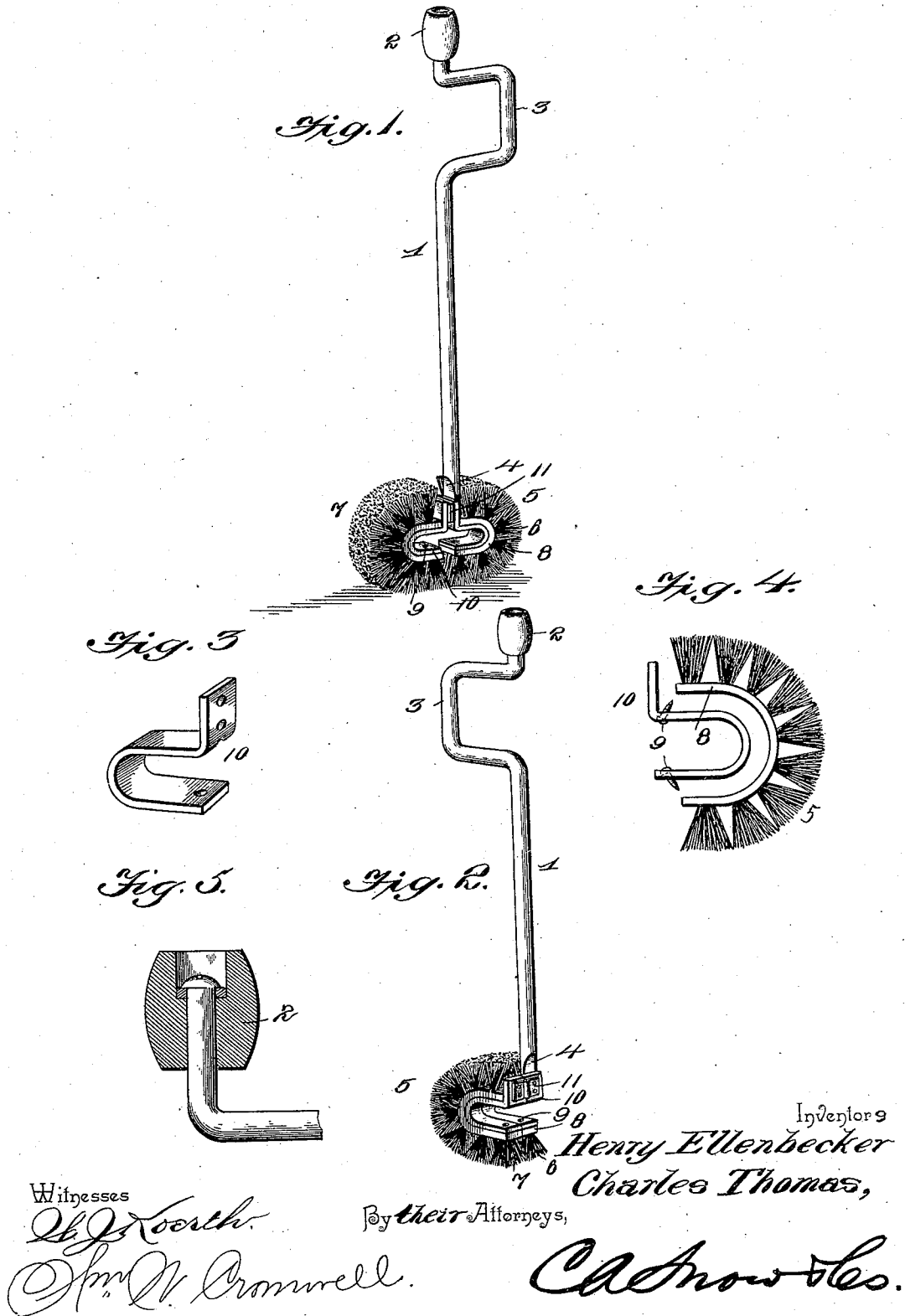


(No Model.)

H. ELLENBECKER & C. THOMAS.
SPITTOON CLEANER.

No. 574,407.

Patented Jan. 5, 1897.



UNITED STATES PATENT OFFICE.

HENRY ELLENBECKER AND CHARLES THOMAS, OF WAUSAU, WISCONSIN.

SPIITTOON-CLEANER.

SPECIFICATION forming part of Letters Patent No. 574,407, dated January 5, 1897.

Application filed April 19, 1895. Serial No. 546,447. (No model.)

To all whom it may concern:

Be it known that we, HENRY ELLENBECKER and CHARLES THOMAS, citizens of the United States, residing at Wausau, in the county of Marathon and State of Wisconsin, have invented a new and useful Spittoon-Cleaner, of which the following is a specification.

This invention relates to improvements in spittoon-cleaners; and it has for its object to provide a device of this character adapted to be operated from a standing position with ease and satisfaction and by which a spittoon may be carried without danger of dropping.

To this end the invention consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a cleaner constructed in accordance with the present invention. Fig. 2 is a similar view with the cleaning-brush closed. Fig. 3 is a detail perspective view of one of the brush-holding frames. Fig. 4 is a side elevation illustrating the construction of the brush. Fig. 5 is an enlarged sectional view showing the manner of securing the knob to the operating-handle.

Similar numerals of reference designate corresponding parts in all the figures of the drawings.

In the accompanying drawings, 1 designates an operating-handle which may be formed of iron or similar material, and journaled at the top thereof and in alinement with its major portion is a knob 2, adjacent to which is a crank 3, by which the operating-handle is rotated. The lower end of the operating-handle is flattened, as at 4, and secured to such flattened portion is a cleaning-brush 5. This cleaning-brush consists of two semielliptical sections 6 7, each of which is formed of any suitable bristles, having their ends secured in a strip of leather 8. This strip of leather is attached by means of screws 9 to a brush-holding frame 10, the latter having its lower end formed in a substantially semielliptical shape. The brush-holding frames 10 are secured together by means of a hinge 11, so that they may swing in a horizontal plane, and the fastening means for one side of such hinge passes through one of the brush-holding frames into the flattened portion 4 of the handle 1, thus securing the brush 5 to such handle.

From the foregoing the operation and advantages of the herein-described cleaner will be readily understood by those skilled in the art. As shown in Fig. 2, the cleaner is in closed position and ready for insertion into a spittoon. When the brush 5 has been placed in such spittoon, the handle 1 is rotated, thus bringing the sections 6 7 against each other, as shown in Fig. 1. By continuous rotation of the handle 1 the brush 5 effectually cleans the interior of the spittoon, and if it be desired to carry such spittoon the same may be lifted without danger of dropping.

To withdraw the cleaner from the spittoon, it is simply necessary to reverse the rotation of the handle, when the sections will again assume the position shown in Fig. 2 and the cleaner be easily removed.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. A cleaner of the class described, comprising an operating-handle having a crank formed intermediate of its length, and a cleaning-brush at one end formed of semielliptical sections hinged by a vertical pivot to swing in a horizontal plane and secured to the lower end of the operating-handle, said sections being adapted to swing into and out of operative position by the rotation of said handle, substantially as set forth.

2. A cleaner of the class described, comprising an operating-handle having a knob journaled at one of its ends and a crank adjacent thereto, and a cleaning-brush formed of semielliptical sections each comprising a brush-holding frame, a strip secured thereto and having bristles, said sections being hinged together and secured to the lower end of the operating-handle, substantially as set forth.

3. In a cleaner of the class described, a cleaning-brush formed of semielliptical sections each of which comprises a brush-holding frame having one of its ends formed in a substantially semielliptical shape, a bristle-holding strip attached thereto, bristles secured in said strip, and a hinge for connecting the sections together, substantially as set forth.

HENRY ELLENBECKER.
CHARLES THOMAS.

Witnesses:

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W. J. GEHRKE.