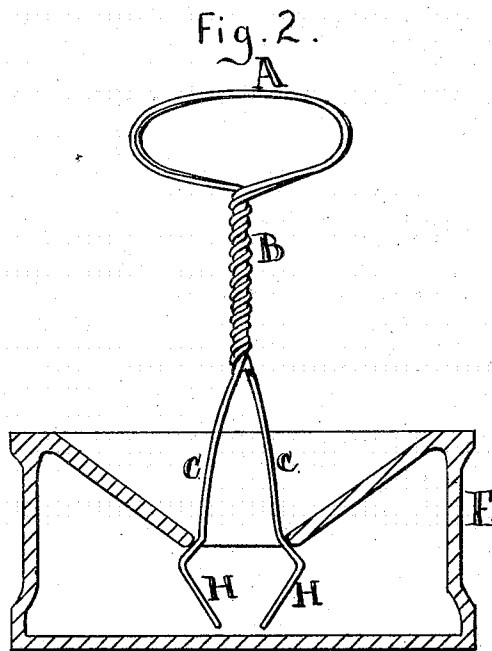
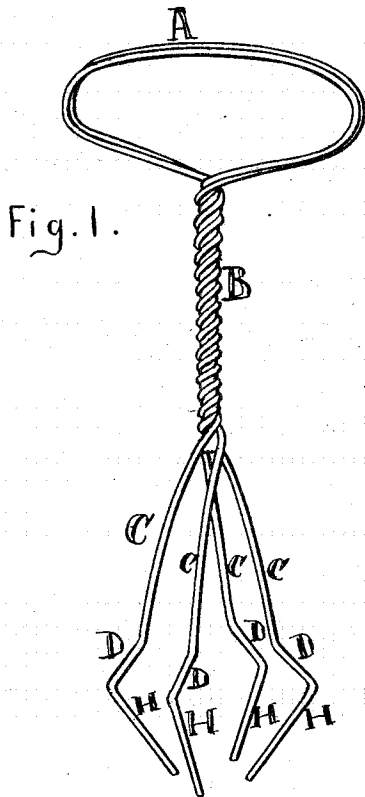


N. K. ELLSWORTH.

Spittoon Lifters and Holders.

No. 157,165.

Patented Nov. 24, 1874.



Witnesses:

J. B. Church
M. W. Church

Inventor:

N. K. Ellsworth

UNITED STATES PATENT OFFICE.

NATHAN K. ELLSWORTH, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN SPITTOON LIFTERS AND HOLDERS.

Specification forming part of Letters Patent No. **157,165**, dated November 24, 1874; application filed April 20, 1874.

To all whom it may concern:

Be it known that I, NATHAN K. ELLSWORTH, of the city of Washington, in the District of Columbia, have invented a new and useful Improved Spittoon Lifter and Holder; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is a perspective view of my improved spittoon lifter and holder, and Fig. 2 is a sectional view of the same, shown applied to a spittoon.

Similar letters of reference in the accompanying drawings denote the same parts.

My invention relates to improvements in spittoon lifters and holders; and consists in constructing the lifter and holder of wire, preferably, two pieces being employed, which are twisted together to form a loop or handle and the stem of the lifter and holder, the two ends of each wire thus twisted being bent outwardly to form an obtuse angle to engage with the edges of the orifice in the spittoon, the wires being then caused to converge inwardly, so as readily to be inserted into the orifice in the spittoon, and the elasticity of the wires after their introduction into the spittoon causing the diverging portions of the wire to take hold of the spittoon around the edges of the orifice.

The lifter and holder can be readily removed by placing the foot upon the spittoon and pulling upon the handle of the holder, in consequence of the peculiar construction of the lifter and holder and the elasticity of the wire, thus enabling one to clean a spittoon without soiling his hands.

In the accompanying drawings, A is the loop or handle of the lifter or holder, composed of elastic wire, preferably two pieces being em-

ployed, which are bent at their middle and then twisted together to form the handle A and stem B. The two ends of each wire are then made to diverge from the stem, as seen at C C, when they are again bent outwardly, forming an obtuse angle, the parts D D of the wires thus bent out serving readily to take hold of the spittoon E around the edges of the orifice F. The wires are thence caused to converge, as seen at H, so that they may be readily introduced into the hole F in the spittoon.

It will be seen from this construction of the lifter and holder that it can readily be introduced into the orifice in the spittoon, the converging ends H H of the wires forcing them inwardly as the lifter is inserted into the spittoon, until the diverging portions D D of the wires are reached, when the elasticity of the wires will force the parts D D under and around the edges of the orifice in the spittoon, enabling one to remove and wash it.

By placing the foot on the spittoon and pulling the holder it can readily be removed from the spittoon, thus enabling the latter to be cleaned readily without soiling the hands.

The holder and lifter after being formed may be galvanized, if preferred.

Having thus described my invention, what I claim is—

As a new article of manufacture the wire spittoon lifter and holder described, consisting of the handle A, stem B, diverging arms C C D D, and converging arms H H, the whole arranged, constructed, and operated in the manner and for the purpose set forth.

NATHAN K. ELLSWORTH.

Witnesses:

MELLVILLE CHURCH,
C. F. BROWN.