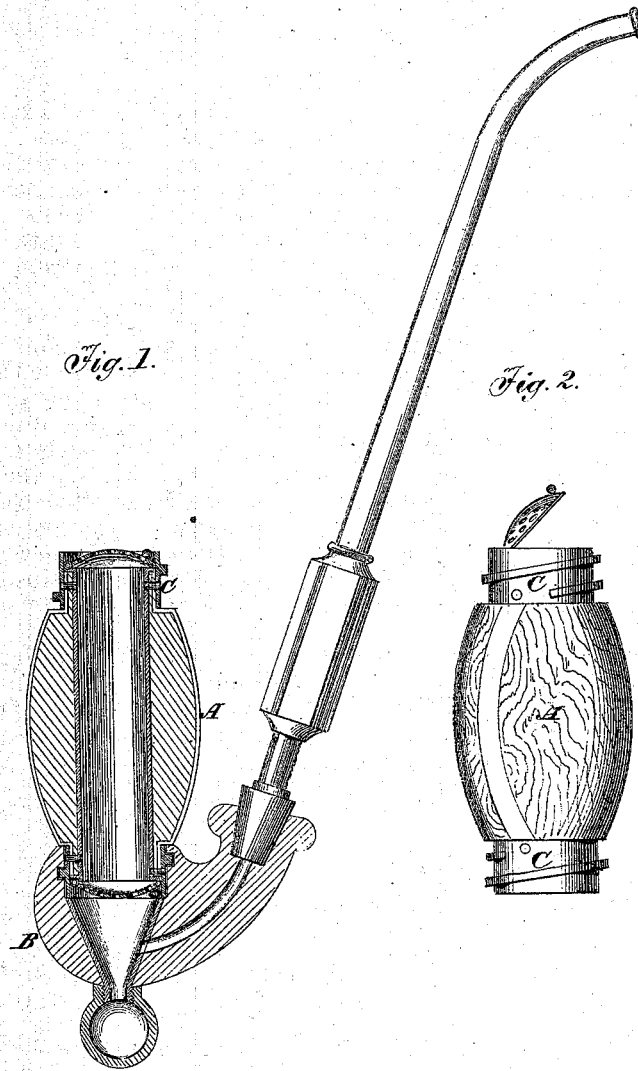


WILLIAM G. RUGE.

Improvement in Tobacco-Pipes.

No. 115,363.

Patented May 30, 1871.



Witnesses:
Gustave Dutench
Wm. H. C. Smith.

Inventor:
W. G. Ruge.
PER *Munn & Co.*
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM G. RUGE, OF HOLSTEIN, MISSOURI.

IMPROVEMENT IN TOBACCO-PIPES.

Specification forming part of Letters Patent No. 115,363, dated May 30, 1871.

To all whom it may concern:

Be it known that I, WILLIAM G. RUGE, of Holstein, in the county of Warren and State of Missouri, have invented a new and Improved Tobacco-Pipe; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in tobacco-pipes; and it consists in having the bowl detachable from and reversible on the part supporting it, so that when the charge is smoked nearly down to the bottom it can be charged again and reversed, so that the fire of the remaining part of the previous charge may be used to ignite the new charge. In this example the ends of the bowl are provided with screw-threads for connecting with the other part by screwing into it, but a bayonet or other fastening may be used as well.

Figure 1 is a sectional elevation of my improved pipe, and Fig. 2 is a side elevation of the bowl detached from the other part.

Similar letters of reference indicate corresponding parts.

A is the bowl, and B the part to which it is attached. The latter has a socket for reception of the ends C of the bowl, and it is provided with a female screw-thread. The ends C have small threads for screwing into the socket. Bayonet-fastenings or other equivalent means of securing the bowl may be employed, as preferred. Each end may have a safety-cap, if preferred.

This plan has several advantages over the pipes as commonly constructed; for instance, in the common pipes the water expelled from the tobacco settles to the bottom, which soon becomes so wet as to prevent the free operation of the pipe, and the mouth of the passage into the stem often clogs, and they require lighting each time they are filled, all of which objections are avoided by my improved pipe.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A tobacco-pipe having a detachable and reversible bowl, all substantially as specified.

WILLIAM G. RUGE.

Witnesses:

A. F. EMBECK, D. M.,
J. A. RUGE.