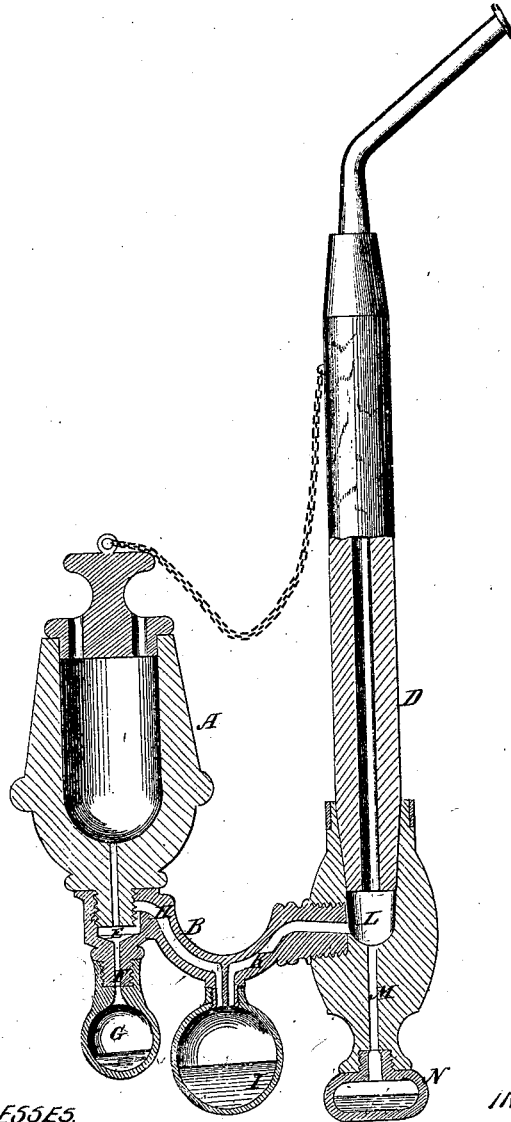


*C. F. Hitzelberger,*

*Smoking Pipe.*

*No. 107,495.*

*Patented Sept. 20. 1870.*



WITNESSES.

*Gustave Dietrich*  
*L. S. Kober*

INVENTOR.

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# United States Patent Office.

CHARLES F. HITSELBERGER, OF LIBERTYTOWN, MARYLAND.

*Letters Patent No. 107,495, dated September 20, 1870.*

## IMPROVEMENT IN SMOKING-PIPES.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern :*

Be it known that I, CHARLES F. HITSELBERGER, of Libertytown, in the county of Frederick and State of Maryland, have invented a new and improved Smoking-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 smoking-pipes, and consists in a pipe provided with a nicotine-cup, attached to the bowl, a water-vessel, for cooling and purifying the smoke, on an intermediate tube leading from the bowl to the stem, and a saliva-cup, attached to the lower end of the latter, all arranged in a way calculated to protect the smoker from the nicotine, heat, and other offensive tastes of the tobacco, and to prevent the stoppage of the smoke-passage.

The drawing is a sectional elevation of my improved pipe.

A is the bowl, which is screwed into a vertical screw-threaded hole in the upper side of one end of an intermediate pipe, B, connecting, at its other end, with the stem C, by screwing into its side.

The bottom of the screw-threaded hole, E, which receives the bowl A, has a small hole, F, leading into a nicotine-cup, G, screwing onto a stud at the lower side of B.

The passage H, for the smoke, leads out of E, near

the top, through B into the water-cup I, suspended from the lower side of B, near its center.

From I it passes up again, through K, to a chamber, L, in the bottom of the stem D, from which a small passage, M, leads down to the saliva-cup N, screwing onto the lower end of D.

The nicotine will be mainly deposited in G, but, if any be conveyed over to the water, it will be separated there, at the same time that the smoke is cooled and the other bad tastes are removed by the water.

The smoke, thus cooled and purified, will not generate saliva in the mouth as much as smoking with the common pipes does, and what saliva is delivered into the stem of the pipe will fall into cup N, where it will not mix with the nicotine and other deposits from the smoke, which is the means of stopping the passages so much in common pipes.

The water-vessel may be made of glass, metal, or other substance, as may be preferred.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

As an improved article of manufacture, a smoking-pipe, provided with the nicotine-cup G, water-cup I, and saliva-cup N, all combined and arranged substantially as specified.

CHARLES F. HITSELBERGER.

Witnesses:

JAMES A. BEALE,  
THOMAS EDGER.