

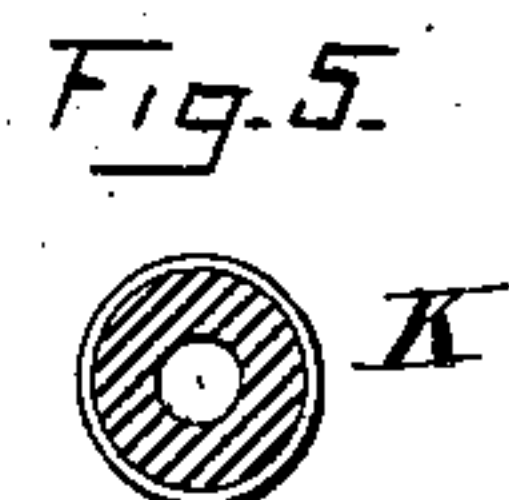
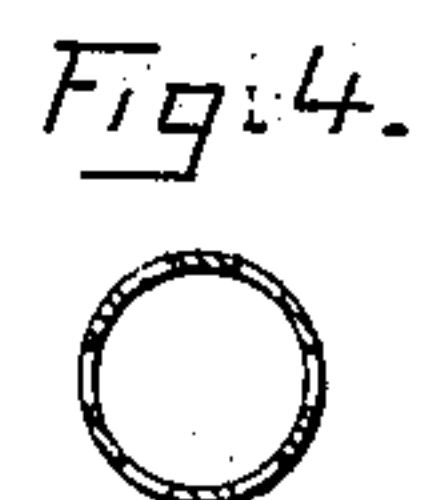
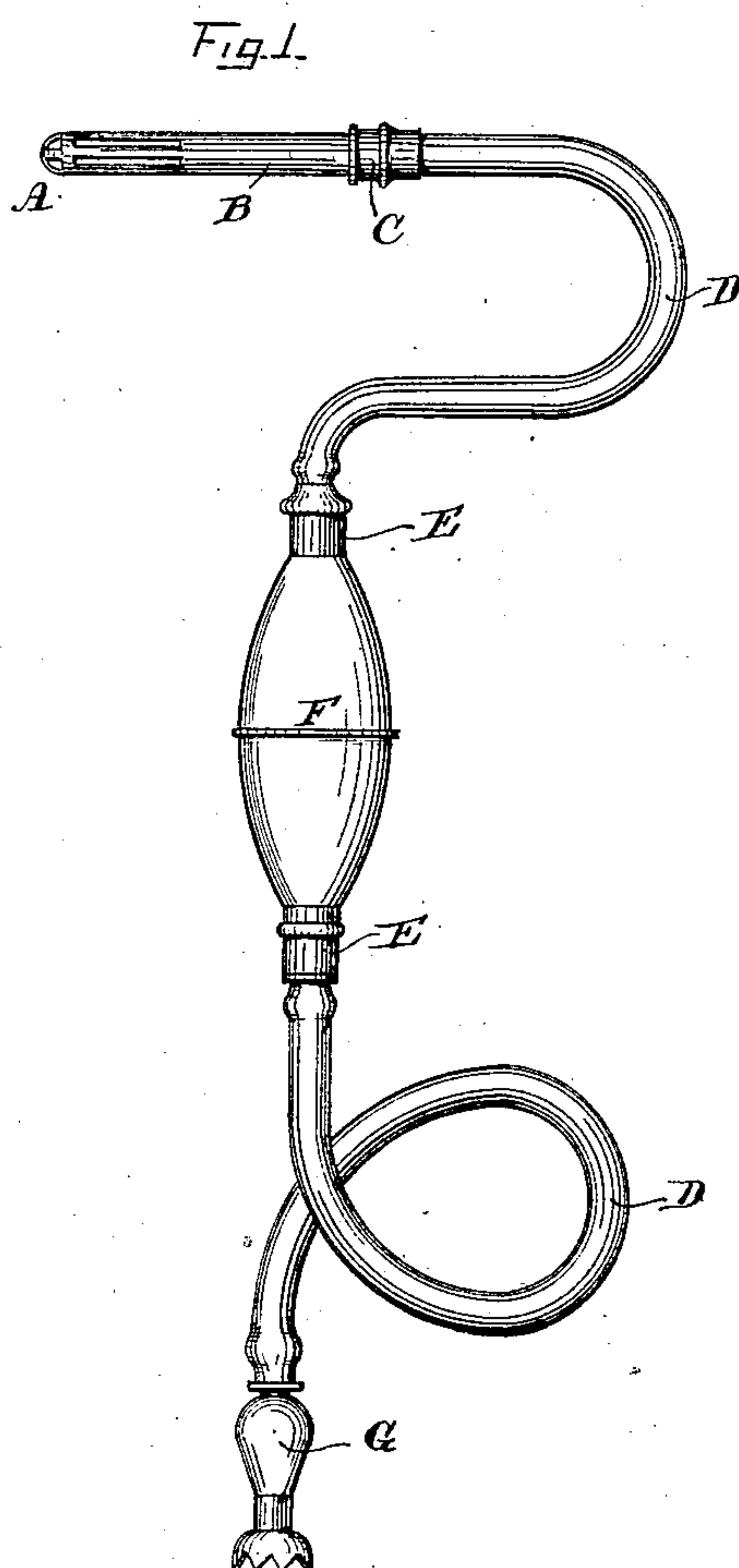
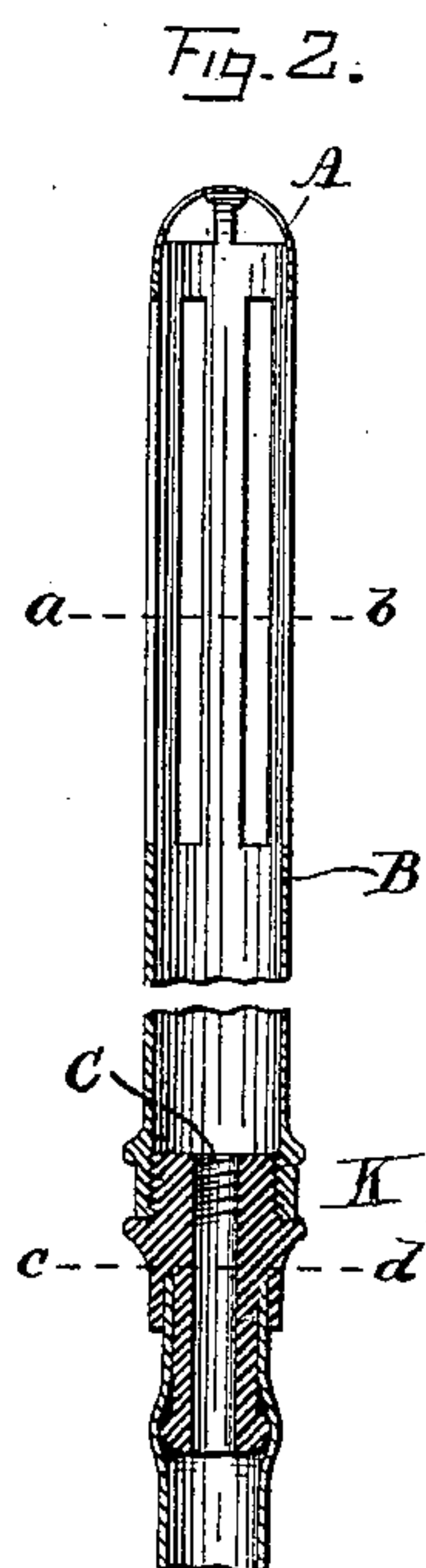
(No Model.)

W. H. CONKLE.

SYRINGE.

No. 337,249.

Patented Mar. 2, 1886.



Witnesses:

Geo. B. Phelps.  
Herbert Vail

*Inventor:*

Wm. H. Coukle

# UNITED STATES PATENT OFFICE.

WILLIAM H. CONKLE, OF WASHINGTON, DISTRICT OF COLUMBIA.

## SYRINGE.

SPECIFICATION forming part of Letters Patent No. 337,249, dated March 2, 1886.

Application filed November 2, 1885. Serial No. 181,687. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. CONKLE, of the city of Washington, District of Columbia, have invented an Improved Syringe; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

This invention is in the nature of an improvement in syringes; and the invention consists in a syringe constructed and arranged as hereinafter specified and claimed.

In the accompanying sheet of drawings, Figure 1 represents the improved syringe with my invention; Fig. 2, an elevation of the tube to be slotted or perforated, and coupling projected to receive rubber tube; Fig. 3, the coupling-piece, constructed to receive both the slotted or perforated tube and an injecting-nozzle, (not shown;) Fig. 4, the perforated end of tube.

Similar letters of reference indicate like parts in the several figures.

The purpose of this invention is to provide a simple and useful method to cause a thorough interior washing by means of a gentle flow of volumes of water or other liquid attached to a syringe, which can also be used for injecting by a nozzle into another part of the body.

The syringe is composed of a bulb, F, flexible tubes D, and valve-boxes E E, to be operated in the usual manner. *c* shows the threaded circular opening in metal piece K, for receiving the injecting-nozzle. The coupling or metal piece K is threaded on the periphery, to receive the slotted or perforated tube B. composed of thin material, the end of tube B perforated at A. It will be observed that the coupling-piece K is so constructed that the syringe can be used with an injecting-nozzle

or a slotted tube, thus permitting the use of separate tubes of decidedly different diameters for quite different purposes. This new arrangement for the combination is extremely plain and simple, and not complicated, cumbersome, or liable to get out of order, like other syringes. Its use is general, and not confined to limited cases for which other syringes are made. It combines practical advantages, and is different from other syringes.

While admitting all the old and well-known features of the ordinary syringe, yet the improvements will be plainly seen in coupling K, with small screw-threaded opening *c*, screw-threaded upon its larger end, and projection for the rubber tube in its rear, combined with the exit-tube B, with slots in its sides and separate slots in its dome-shaped end.

The syringe is operated by placing the suction end G in the fluid and manipulating the bulb F in the usual manner, the fluid passing through tube B, irrigating all the parts in a harmless flow.

By taking off, by unscrewing, tube B, and attaching the injecting-nozzle the syringe can be applied to a different use by the usual manipulation.

Having fully described my invention, what I desire to claim, and secure by Letters Patent, is—

The metal syringe-coupling K, with small screw-threaded openings *c*, screw-thread upon its larger end, and projection for the rubber tube in its rear, combined with the exit-tube B, with slots in its sides and separate slots in its dome-shaped end.

WM. H. CONKLE.

Witnesses:

IRWIN B. LINTON,  
HARRY C. MCLEAN.