

D. T. GALE.
Speculum Suppositor.

No. 213,043

Patented Mar. 11, 1879.

Fig. 1.

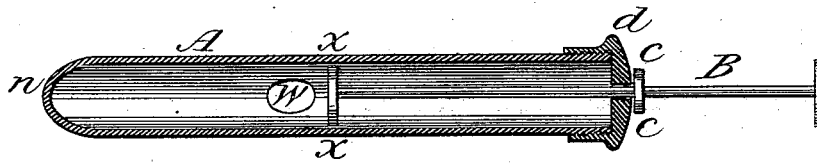
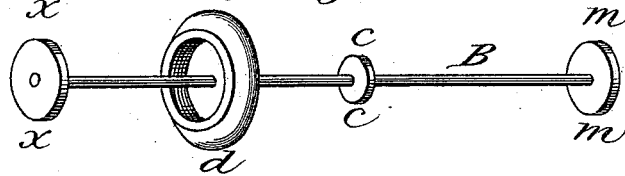


Fig. 2.



Attest:

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D'ALEMBERT T. GALE, OF ALBANY, NEW YORK.

IMPROVEMENT IN SPECULUM-SUPPOSITORS.

Specification forming part of Letters Patent No. **213,043**, dated March 11, 1879; application filed August 22, 1878.

To all whom it may concern:

Be it known that I, D'ALEMBERT TILLOTSON GALE, of the city of Albany, county of Albany, and State of New York, have invented a new and useful Instrument for the Treatment of Diseases of the Rectum, of which the following is a specification:

The object of my invention is to produce a means whereby rectal diseases may be treated direct without associating medicaments to contiguous or healthy parts.

The invention consists in the construction of a speculum-suppositor.

In the accompanying drawings, in which similar letters of reference indicate like parts, my invention is illustrated.

Figure 1 represents the instrument in its combination. Fig. 2 represents the piston and cap detached.

A is the barrel; B, the piston-rod; W, an opening in the side of the barrel; *n*, the end of barrel; *x*, the piston-head; *d*, the cap; *e*, an adjusting-collar; *m*, a thumb-rest on piston-rod.

The construction of the speculum-suppositor is as follows: The barrel is formed in shape

similar to the barrel of a rectal syringe, excepting, in lieu of an opening at the entering end, it has side opening, preferably approximating the center, and the barrel is solid from the side opening to the entering end. The speculum is also provided with a threaded top, with which a cap and piston are connected.

The instrument is made of hard rubber, metal, or any suitable material.

The advantages of this instrument in treating hemorrhoidal tumors or any local disease of the rectum are, that by removing the cap and piston the barrel can be used as a speculum and the side opening be placed directly over a desired part. Upon replacing the cap and piston the medicament is forced to its place without involving any contiguous tissue.

What I claim as my invention is—

The barrel A, provided with a side opening, W, as shown, and a piston-rod and packing, with cap *d* and adjusting-collar *e*, all as and for the purposes described.

D'ALEMBERT TILLOTSON GALE.

Witnesses:

D. M. PUTNAM,
R. P. WILSON.