

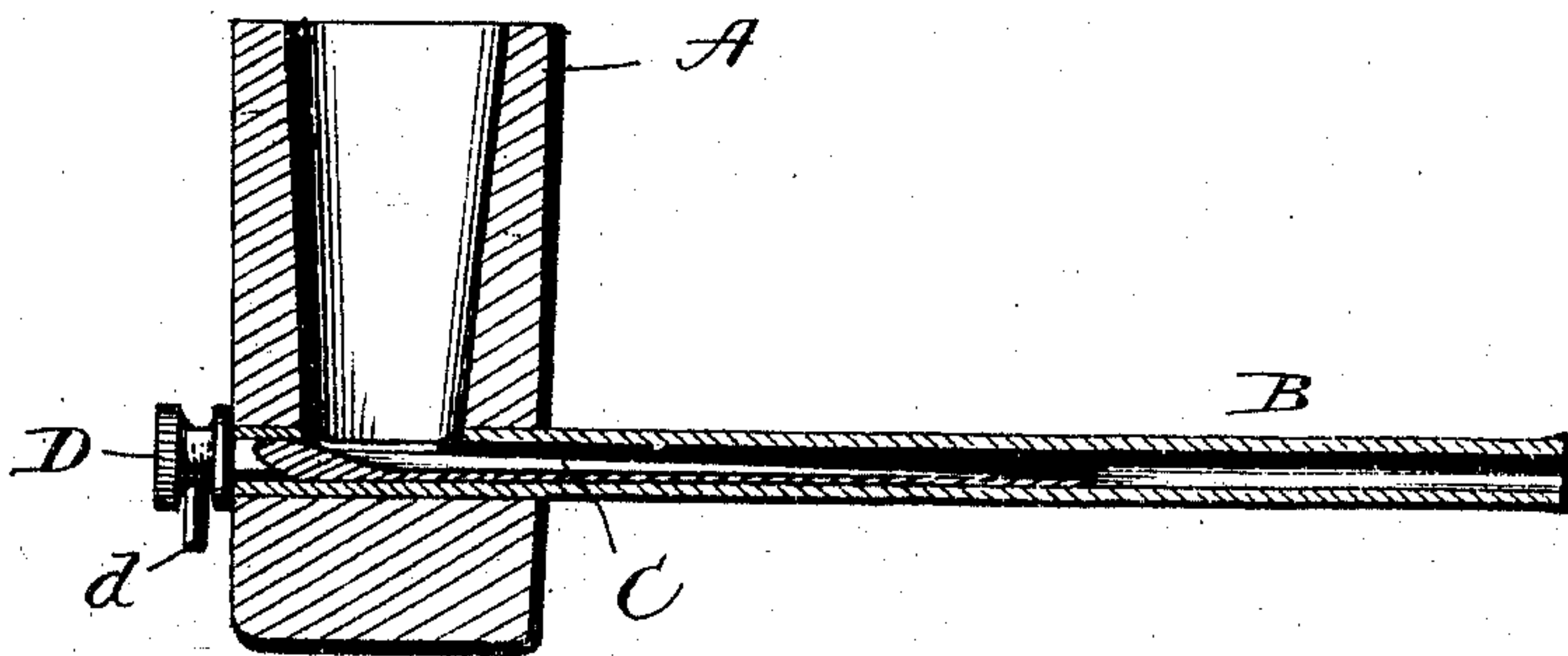
No. 850,404.

PATENTED APR. 16, 1907.

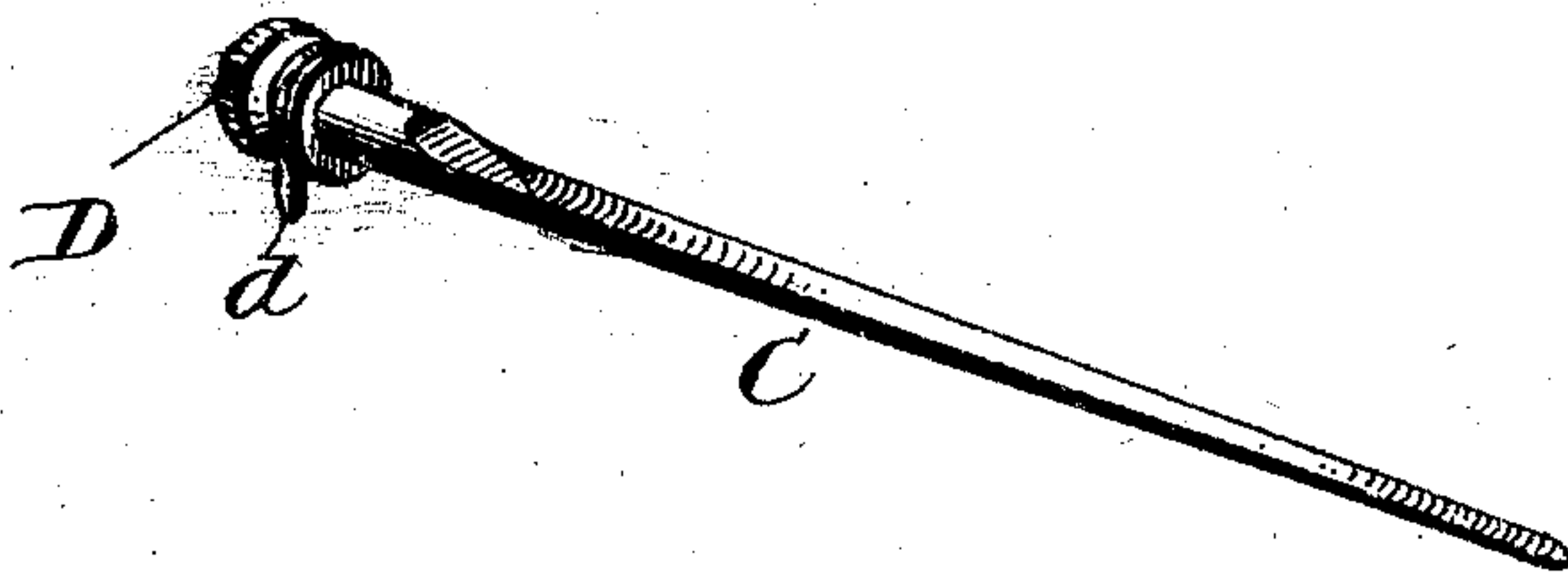
J. SHIELDS.  
TOBACCO PIPE.

APPLICATION FILED JAN. 24, 1906.

*Fig. 1.*



*Fig. 2.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

JAMES SHIELDS, OF FRANKFORT, INDIANA.

## TOBACCO-PIPE.

No. 850,404.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed January 24, 1906. Serial No. 297,656.

*To all whom it may concern:*

Be it known that I, JAMES SHIELDS, of Frankfort, in the county of Clinton and State of Indiana, have invented a certain new and useful Improvement in Cleaners for Tobacco-Pipes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal section of a pipe with my cleaner applied, and Fig. 2 is a perspective view of the cleaner separated from the pipe.

The object of my invention is to provide a cleaner for tobacco-pipes; and to this end my invention consists in a device constructed substantially as hereinafter specified and claimed.

In the drawings I show a pipe of ordinary construction comprising a bowl A and a stem B, the stem being shown as extending through the bowl from side to side and cut away in its top side at the bottom of the bowl.

C designates my cleaner, which is in the form of a tapering rod that is trough-shaped in cross-section, its larger end being provided with a head or finger-piece D, by which the cleaner may be thrust into the stem from the side of the bowl opposite that from which the stem projects and withdrawn from the stem, as well as revolved while in position in the stem. The cleaner is made rotatable, so that the chamber or channel in one side thereof may be moved out of coincidence with the opening of the stem in the bottom of

the bowl when the latter is being filled, so that tobacco will not pass from the bowl down into the cleaner-channel. The turning head D is provided with a finger or index *d* to show the position of the channel or trough of the cleaner with reference to the bowl. By reason of the tapering form of the cleaner accurate fitting of the same to a stem of particular size is not necessary, but the cleaner will adapt itself to variations in the internal diameter of the stems, and also by reason of its tapering form it will also closely fit the stem, so that likelihood of its accidentally falling out of the pipe is obviated.

It will be seen that with the chamber or channel of the cleaner uppermost when the pipe is in use nicotine will collect therein and so may be readily removed, and beside this the cleaner is useful to scrape or clean the interior of the stem as well as the bowl, and its tapering form well adapts it for this scraping or cleaning function.

Having thus described my invention, what I claim is—

A cleaner for tobacco-pipes consisting of a rod having a trough-shaped form in cross-section, and longitudinally and rotatably mounted in the pipe-bowl and stem said rod having a head at one end for manipulating the rod and tapered from said head toward the opposite end of the rod.

JAMES SHIELDS.

Witnesses:

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