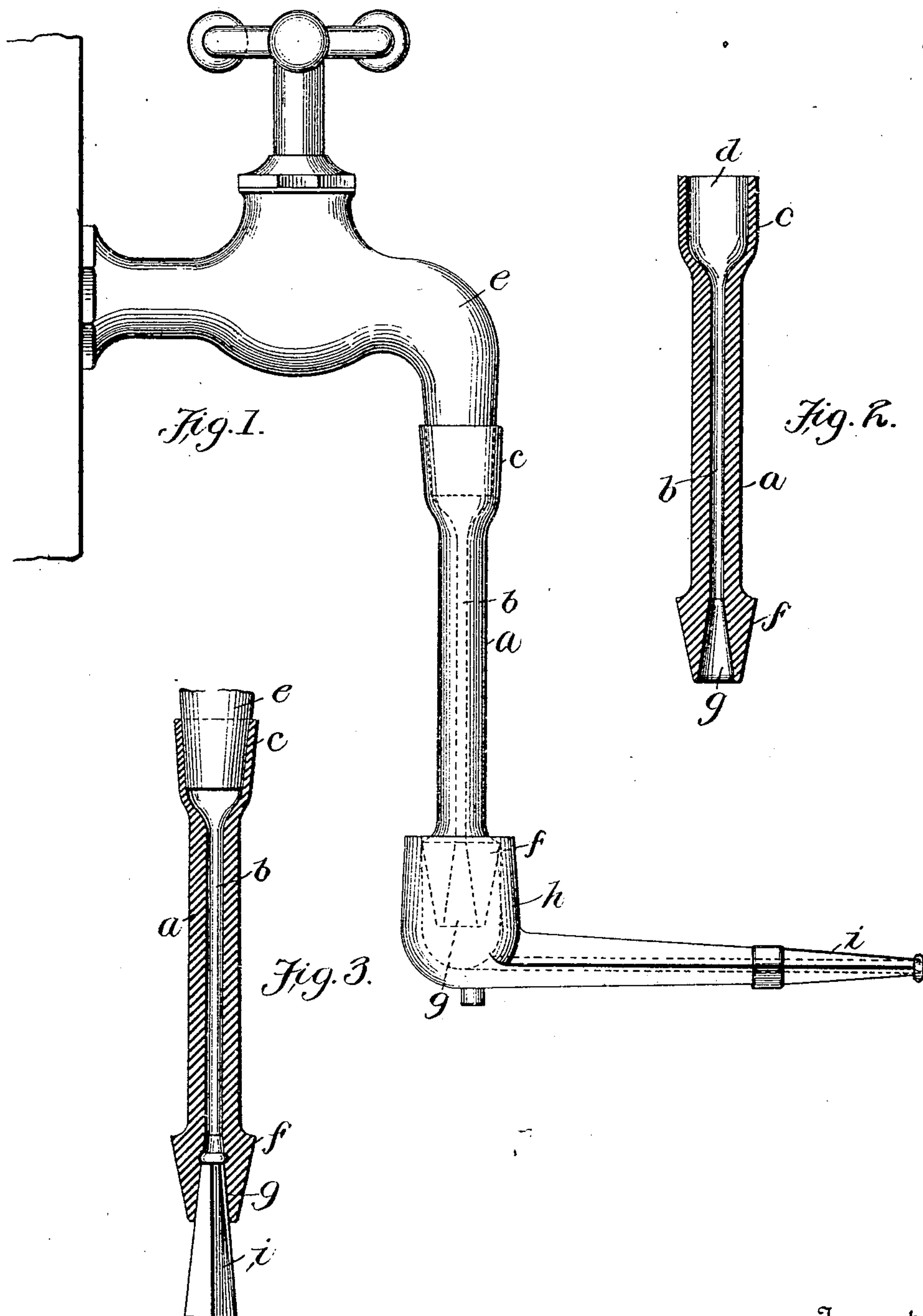


No. 865,860.

PATENTED SEPT. 10, 1907.

C. D. BROWN.  
PIPE CLEANER.  
APPLICATION FILED MAR. 19, 1906.



Witnesses  
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# UNITED STATES PATENT OFFICE.

CHARLES D. BROWN, OF ROCHESTER, NEW YORK.

## PIPE-CLEANER.

No. 865,860.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed March 19, 1906. Serial No. 306,870.

*To all whom it may concern:*

Be it known that I, CHARLES D. BROWN, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Pipe-Cleaners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 My invention relates to improvements in pipe cleaners, and the object of my invention is to produce a simple device for this purpose which may be applied either to the bowl or to the stem of a pipe, and to an ordinary faucet.

15 With this object in view my invention consists in the construction hereinafter described and claimed.

In the accompanying drawings Figure 1 is a side view of my invention, showing the same in actual use for cleaning a pipe; Fig. 2 is a cross section of the cleaner 20 itself; and Fig. 3 is a view, partly in cross section, showing the cleaner as applied to the stem or mouth-piece of a pipe.

The pipe cleaner proper consists of a tube *a* perforated, as shown at *b*, and preferably made of rubber. At 25 one end the pipe is enlarged, as shown at *c*, and the perforation is also enlarged, as shown at *d*, so that it may be easily slipped over the end of a faucet *e*. The end of the cleaner is thickened and made conical in shape, as shown at *f*, and the perforation at this end is enlarged 30 into a conical perforation, as shown at *g*, the conical perforation being oppositely arranged in relation to the

conical part of the cleaner *f*. *h* represents a pipe and *i* the mouth piece thereof.

The pipe cleaner being slipped over the end of a faucet, the enlarged end is slipped into the bowl of the 35 pipe, as shown in Fig. 1. The water then being turned on runs through the pipe and out of the stem thereof, thereby cleaning the pipe. If desired, instead of inserting the cleaner into the bowl of the pipe, the mouth-piece of the pipe may be inserted into the perforation *g* 40 of the cleaner, as shown in Fig. 3, and the water will then flow through the stem of the pipe and out through the bowl.

Either cold water, hot water, or steam may be used as the cleansing agent. 45

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

1. A pipe cleaner consisting of a rubber tube with enlarged ends, the bore of said pipe being enlarged at both ends and cylindrical at one end, and conical at the other, 50 and one end of the tube terminating in an enlarged conical portion, substantially as described.

2. A pipe cleaner, composed of a single tubular piece of rubber having enlarged ends, one of said ends having an enlarged bore adapted to fit over a faucet, and the other 55 of said ends being conical and adapted to fit into the bore of a pipe, said second-named end having a flattened bore adapted to receive the mouth-piece of a pipe, substantially as described.

In testimony whereof, I affix my signature, in presence 60 of two witnesses.

CHARLES D. BROWN.

Witnesses:

FRED C. W. SEIFFERD,

JAMES MCAULIFFE.