

R. LAPHAM.

STOP-COCKS FOR ELASTIC AND FLEXIBLE TUBING.

No. 192,584.

Patented July 3, 1877.

Fig. 1.

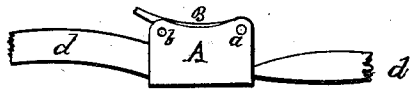


Fig 2

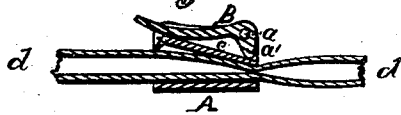
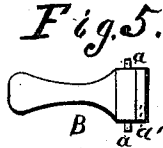
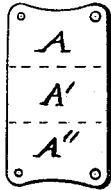
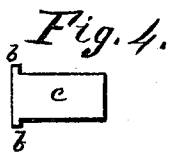


Fig. 3.



Witnesses
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RUFUS LAPHAM, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM PLATT, OF
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IMPROVEMENT IN STOP-COCKS FOR ELASTIC AND FLEXIBLE TUBING.

Specification forming part of Letters Patent No. **192,584**, dated July 3, 1877; application filed
March 21, 1877.

To all whom it may concern:

Be it known that I, RUFUS LAPHAM, of New York, New York State, have invented Stop-Cocks for Elastic and Flexible Tubing, of which the following is a specification:

The nature of my invention consists in making a stop-cock for elastic and flexible tubing, substantially as appears in the following specification and the annexed drawings, with letters of reference marked thereon.

Figure 1 is a view of the stop-cock as seen entire upon the tube *d*.

Fig. 2 is a sectional view.

Fig. 3 represents the outer case of the stop-cock before being bent up, as seen in Figs. 1 and 2.

Fig. 4 is an apron, *c*, hung in the case *A* by the lugs *a a*, acting in the holes *b b* at one end of the case *A*, while the other end rests loosely upon the tube *d*.

Fig. 5 represents a lever or handle, having lugs *a a* acting in the holes in the opposite

end of the case *A*, and bent down nearly at a right angle close by said lugs *a a*, to form a cam to act upon the apron *c*.

Now, it will be seen that when the lever or handle is turned up, the tube by its elasticity will rise and allow a passage through it; but, when turned down, the passage will be closed, the cam acting upon the apron and the apron upon the tube.

In this way I make a very cheap and an effective stop-cock for elastic tubing. I am aware of other devices for the purpose, but know of no one so cheap and effective.

What I claim, and desire to secure by Letters Patent, is—

The combination of the case *A*, the apron *c*, and cam-lever *B*, substantially as described, and for the purpose set forth.

RUFUS LAPHAM.

Witnesses:

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