

B. F. CLEMINSHAW.

Stop-Valves.

No. 148,930.

Patented March 24, 1874.

Fig. 1.

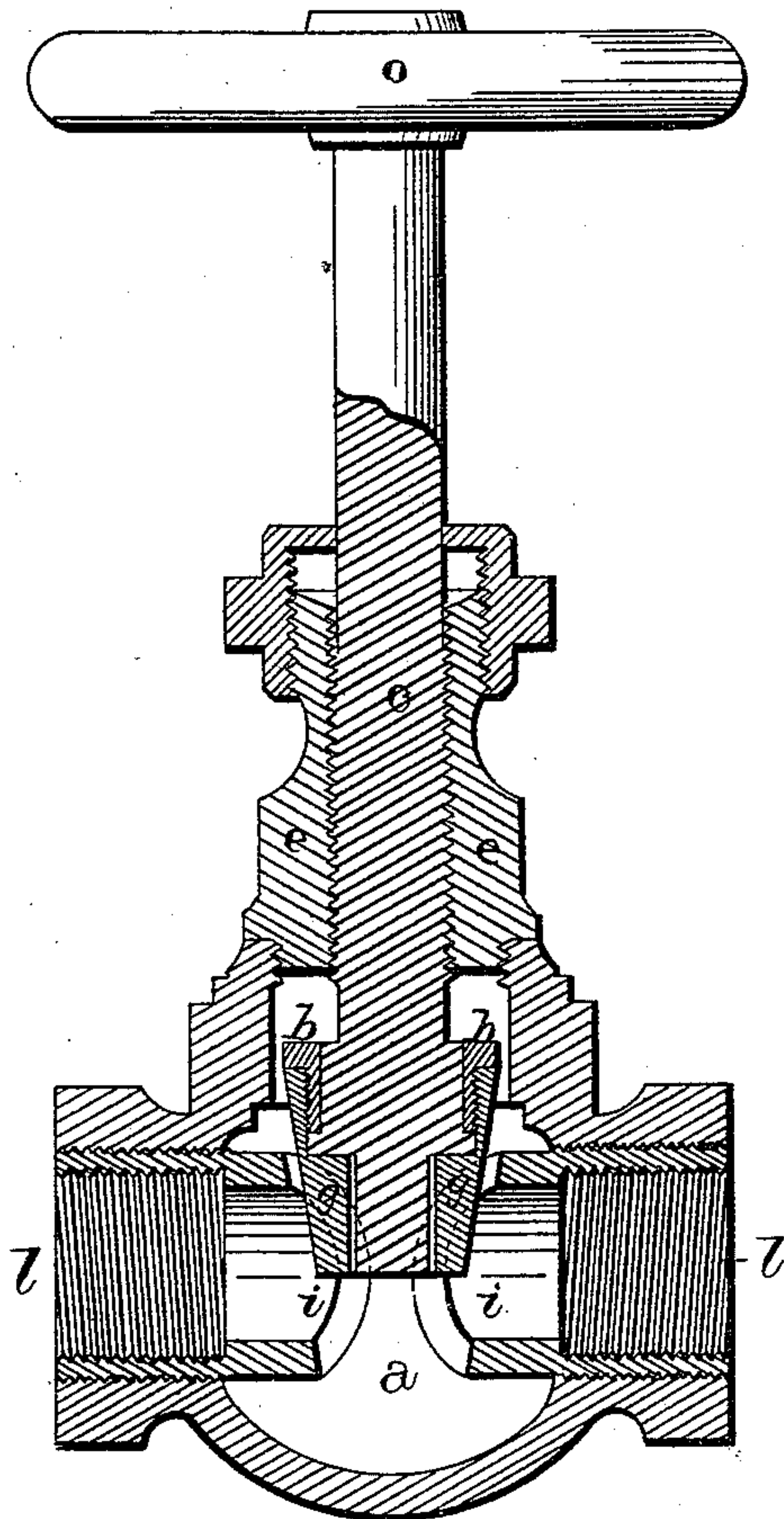
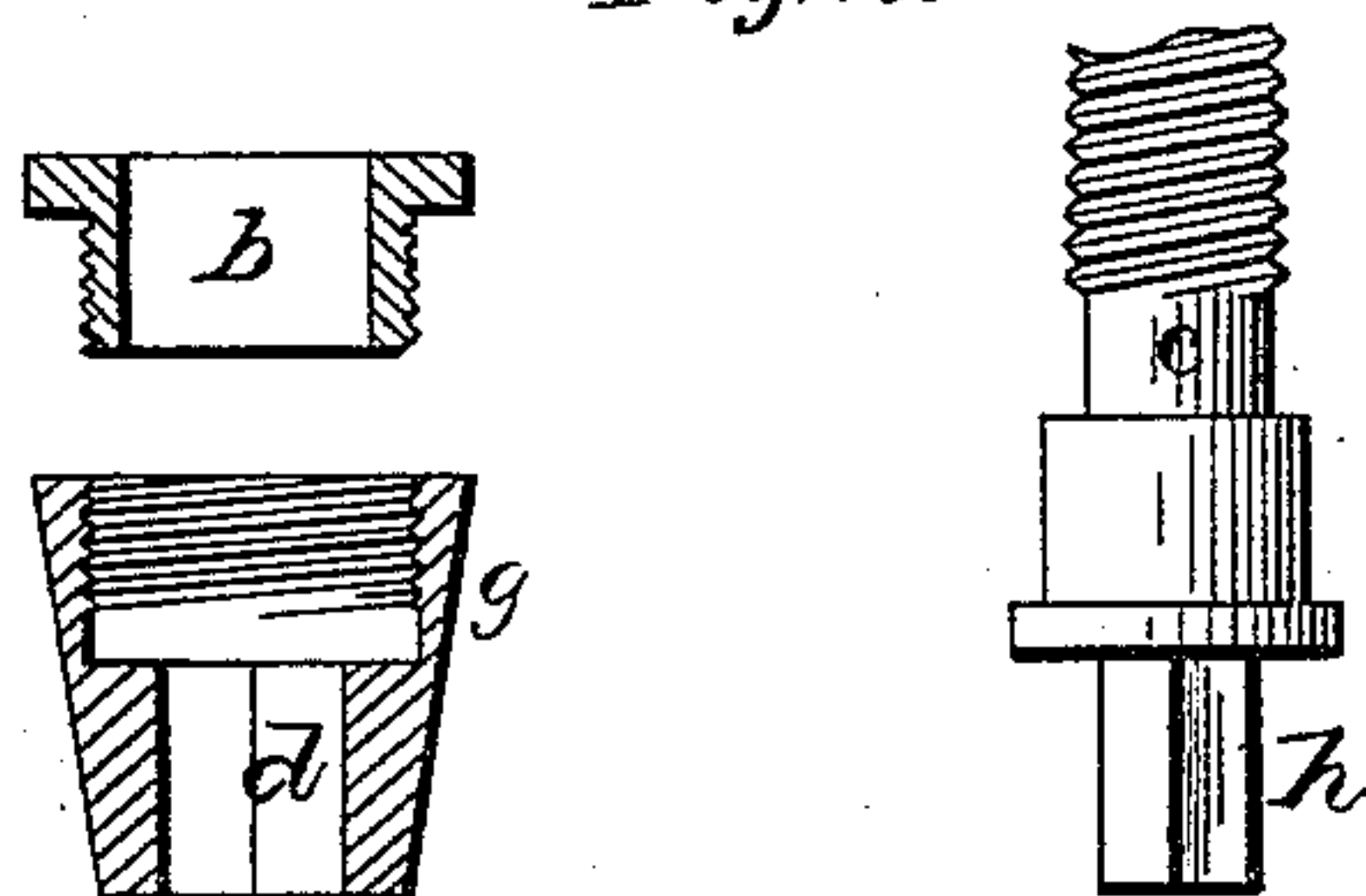


Fig. 2.



WITNESSES.

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BENJAMIN F. CLEMINSHAW, OF TROY, NEW YORK.

IMPROVEMENT IN STOP-VALVES.

Specification forming part of Letters Patent No. **148,930**, dated March 24, 1874; application filed August 21, 1873.

To all whom it may concern:

Be it known that I, BENJAMIN F. CLEMINSHAW, of Troy, in the county of Rensselaer and in the State of New York, have invented certain new and useful Improvements in Stop-Valve; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a stop-valve, as will be hereinafter more fully set forth.

Figure 1 represents a vertical section of my valve. Fig. 2 is a detail view of the same.

a represents the shell of an ordinary globe-valve, provided with the spindle *c* and shank *e* in the usual manner. *l l* represent tubes, which are screwed into the shell at opposite sides, and are provided with taper ends and projections *i i*, as shown in Fig. 1. The inner ends of these tubes form the seats for the valve *g* to shut off the flow of water. To the lower end of the spindle is secured the valve or plug *g* by means of the hollow nut *b*, which screws into the top of the plug, and binds it

loosely to the spindle, allowing it sufficient play to readily accommodate itself to its seat. Through the lower end of the plug is made a square opening, *d*, which fits over the square end *h* of the spindle *c*, so as to cause the plug to turn with the spindle, and wipe away any sediment that may find a resting-place upon the seat.

By screwing the shank up against the wheel *o*, the plug can be reground without removing it from the spindle.

Having thus described my invention, I claim—

The combination of the shell *a* with the valve-seat *i*, formed of the hollow screw-plugs *l l*, the spindle *c*, shank *e*, conical plug *g*, and nut *b*, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 2d day of August, 1873.

BENJAMIN F. CLEMINSHAW.

Witnesses:

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CHARLES A. SEYMOUR.