

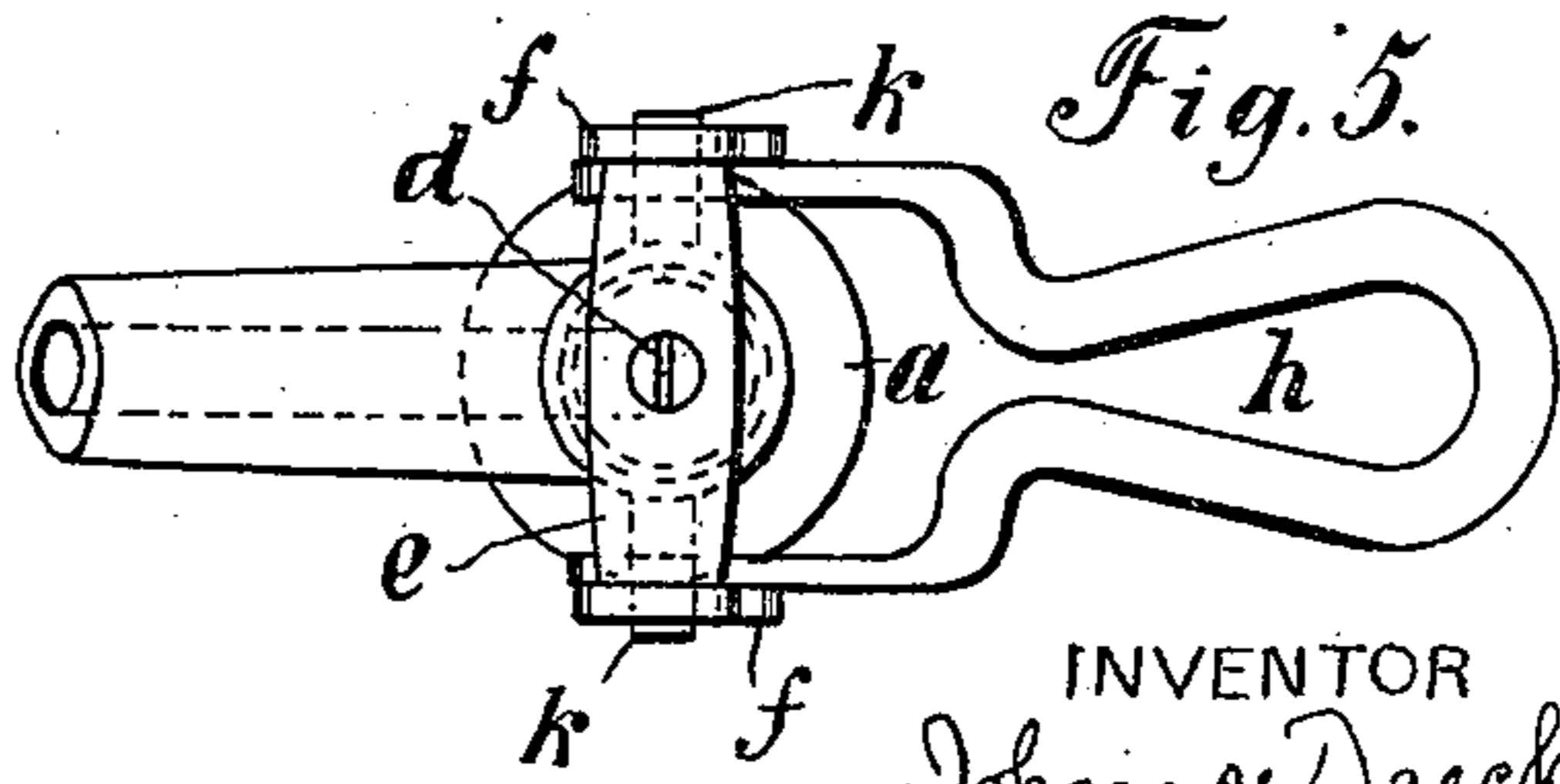
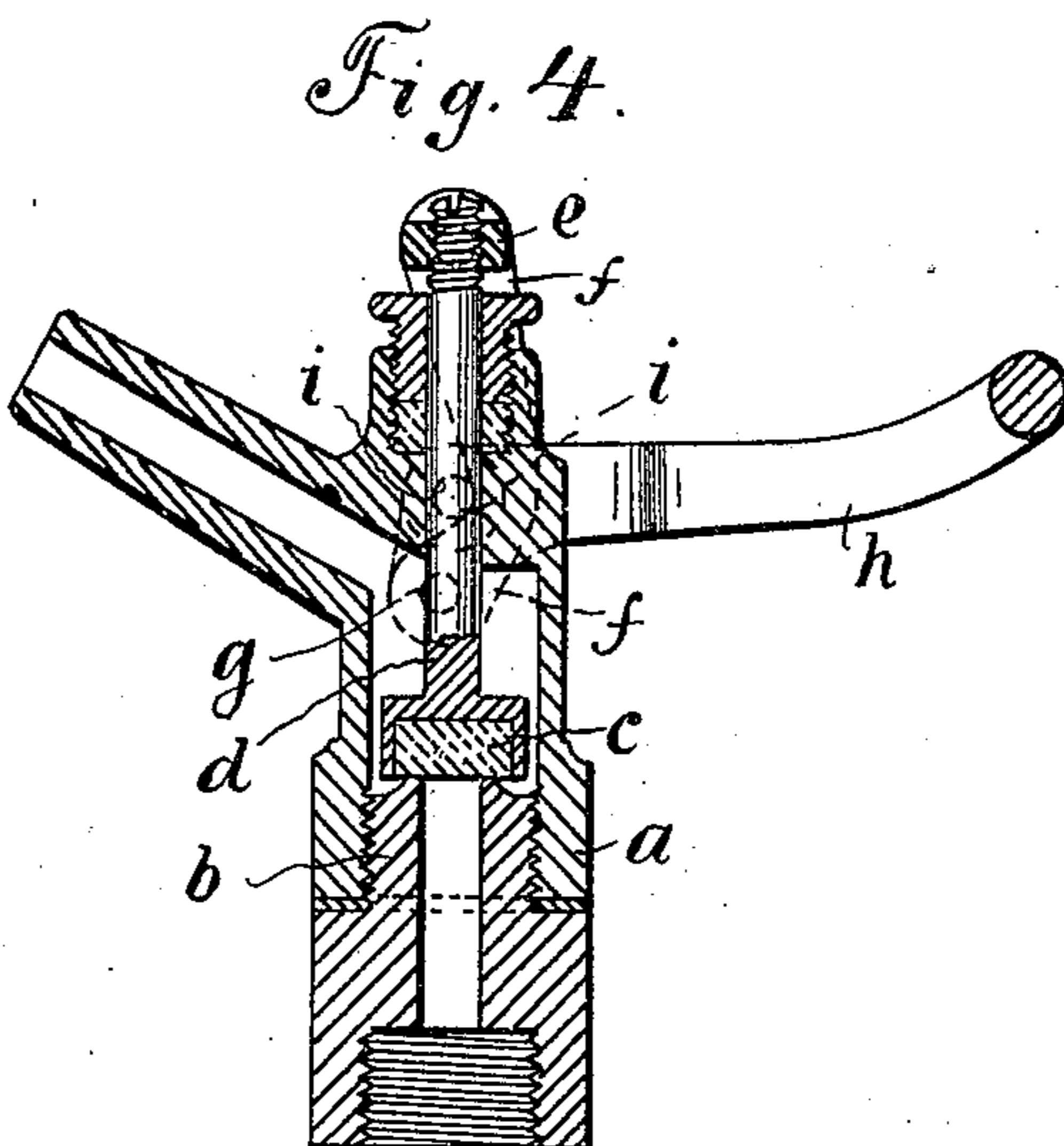
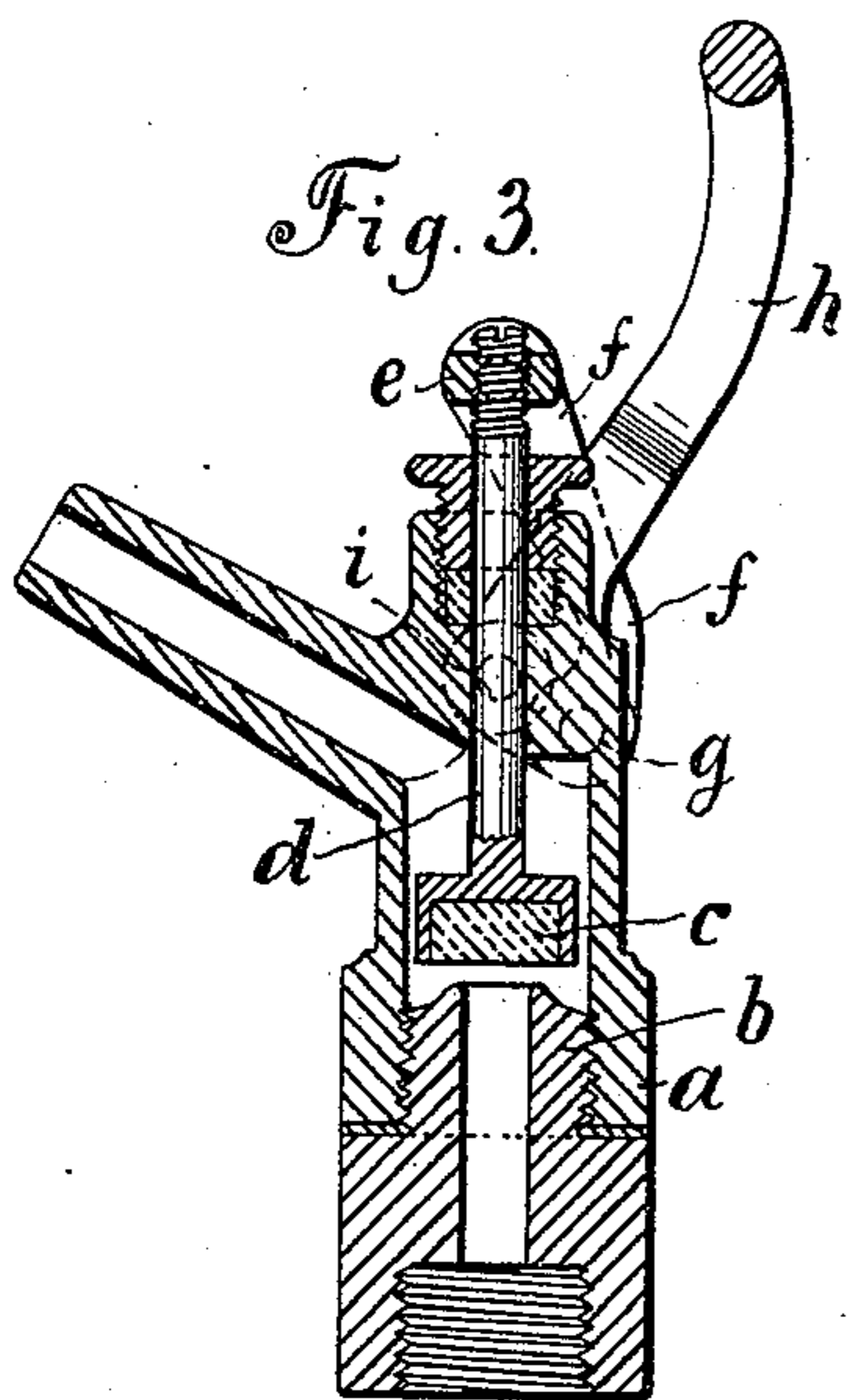
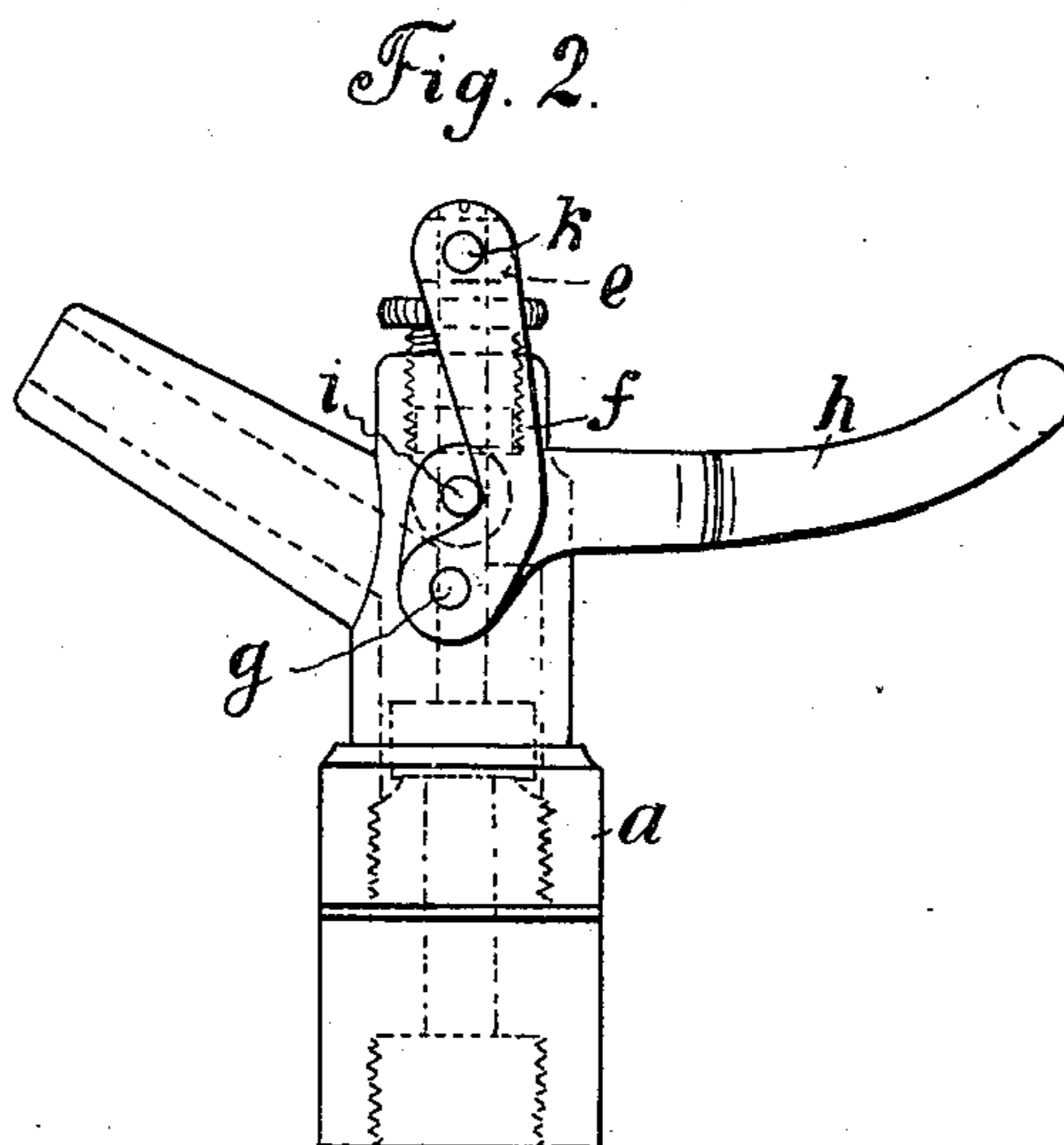
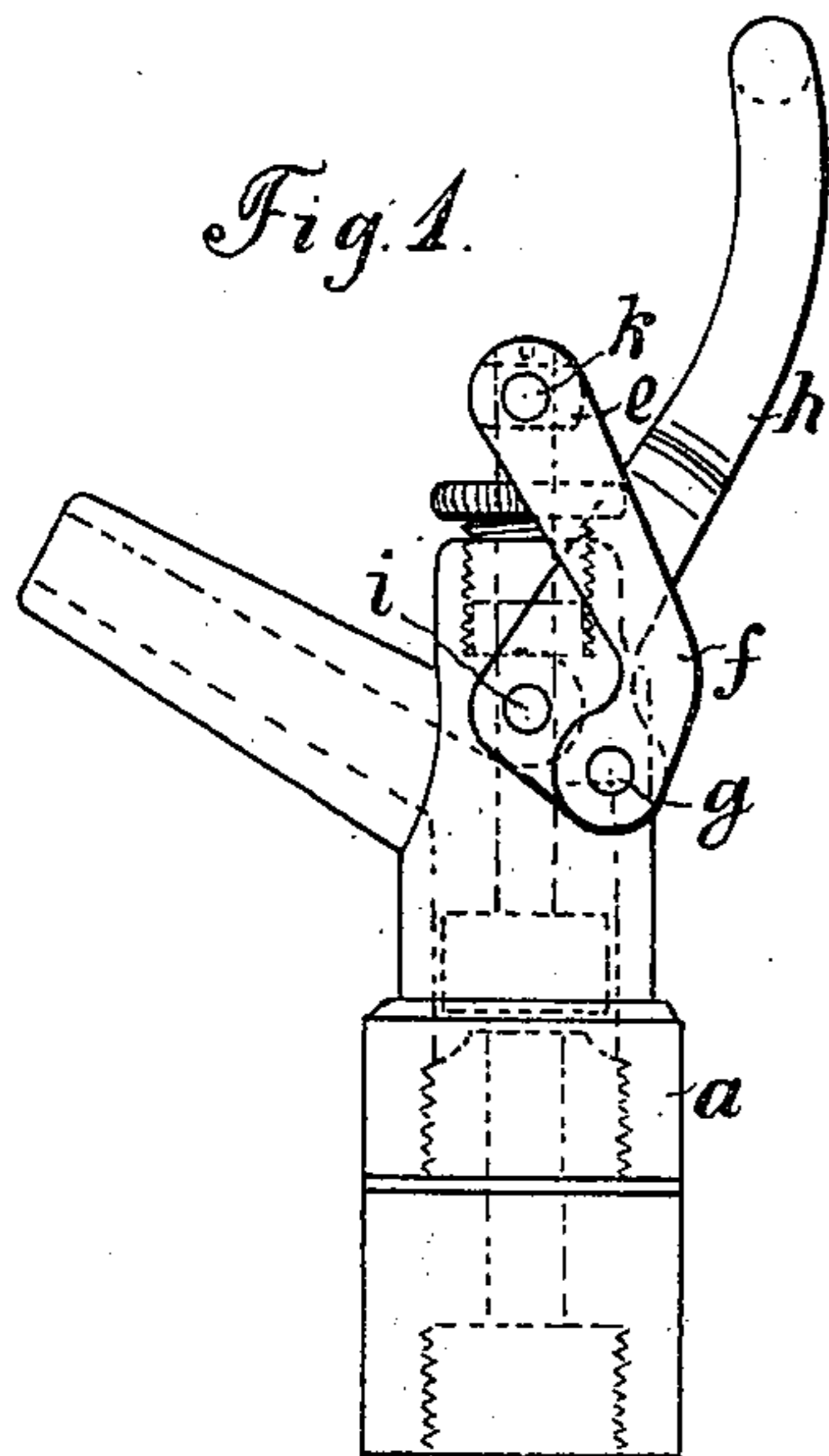
No. 644,224.

Patented Feb. 27, 1900.

J. DRECKMANN.
ELBOW LEVER VALVE.

(Application filed Nov. 9, 1899.)

(No Model.)



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHANNES DRECKMANN, OF CASSEL, GERMANY.

ELBOW-LEVER VALVE.

SPECIFICATION forming part of Letters Patent No. 644,224, dated February 27, 1900.

Application filed November 9, 1899. Serial No. 736,414. (No model.)

To all whom it may concern:

Be it known that I, JOHANNES DRECKMANN, a subject of the German Emperor, residing at No. 4 Rothenditmolderstrasse, Cassel, Germany, have invented certain new and useful Improvements in Elbow-Lever Valves; 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.

The present invention relates to an adjustable elbow-lever valve which is essentially characterized by the valve, which is provided with an elastic washer, being adjustable from the outside and by one arm of the elbow-lever bearing in its end position against the pin of the hand-lever, which serves as an abutment or stop.

The invention will be described with reference to the accompanying drawings, in which—

Figure 1 is a side view of the device in an opened condition; Fig. 2, a side view closed; Fig. 3, a vertical section of the valve when open; Fig. 4, a vertical section of the valve when closed. Fig. 5 is a plan view of the valve; Fig. 6, a side view of the hand-lever or handle by itself.

A valve-seat *b* is arranged in a casing *a*, on which seat a valve *c*, provided with an elastic washering material—such as cork, india-rubber, or the like—is located. The valve-spindle *d* of this valve is carried to the outside through a stuffing-box and is screwed with its screw-threaded end in a cross-head *e*. On

pins *k* of this cross-head the upper ends of links *f* are mounted, having their lower ends pivotally connected with pins *g* on the shorter arm of an elbow-lever *h*. This lever *h* is pivoted on pins *i*, firmly mounted in the casing *a*. The links *f*, as may be seen in Figs. 1 and 2, are so bent that in the end position shown in Fig. 2 they bear against the pins *i* of the hand-lever *h*, so that any further turning of the hand-lever beyond this end position is quite impossible.

The valve-spindle *d* is provided at its upper end with a notch, in which a screw-driver may be inserted in order to enable the valve to be suitably adjusted against its valve-seat by turning the valve-spindle.

Having now particularly described my invention, what I claim, and desire to secure by Letters Patent, is—

An adjustable elbow-lever valve characterized by the valve-spindle *d* being revolvably fixed with a screw-thread in a cross-head *e* so that it may be adjusted to its valve-seat by being turned, and by the connecting-links *f* being bent to bear against the fulcrum-pins *i* of the hand-lever *h* when the valve is closed so that any further turning of the same is prevented, substantially as hereinbefore described.

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

JOHANNES DRECKMANN. [L. S.]

Witnesses:

RICHARD FISCHER,
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