

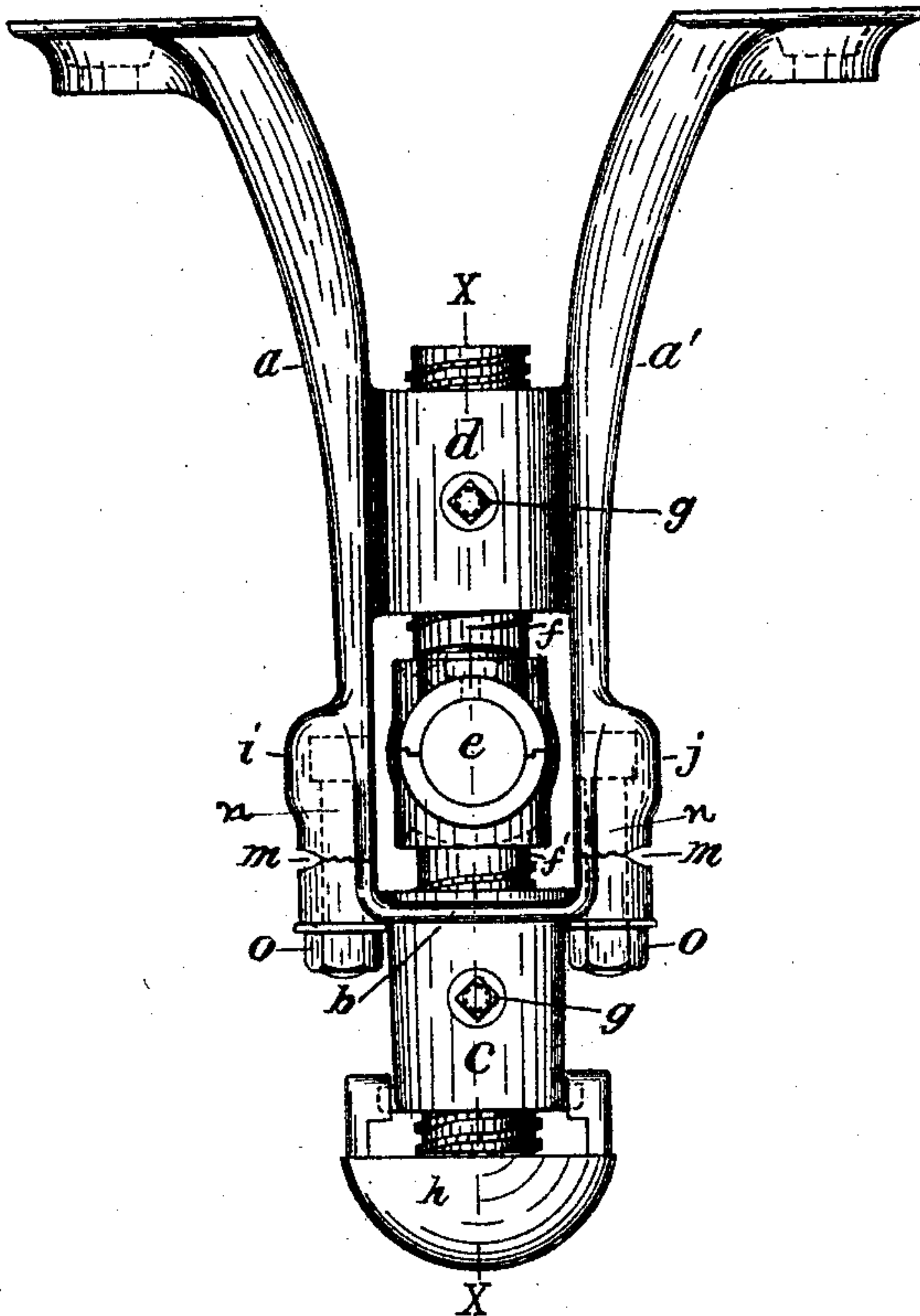
(No Model.)

A. C. PESSANO.  
SHAFT HANGER.

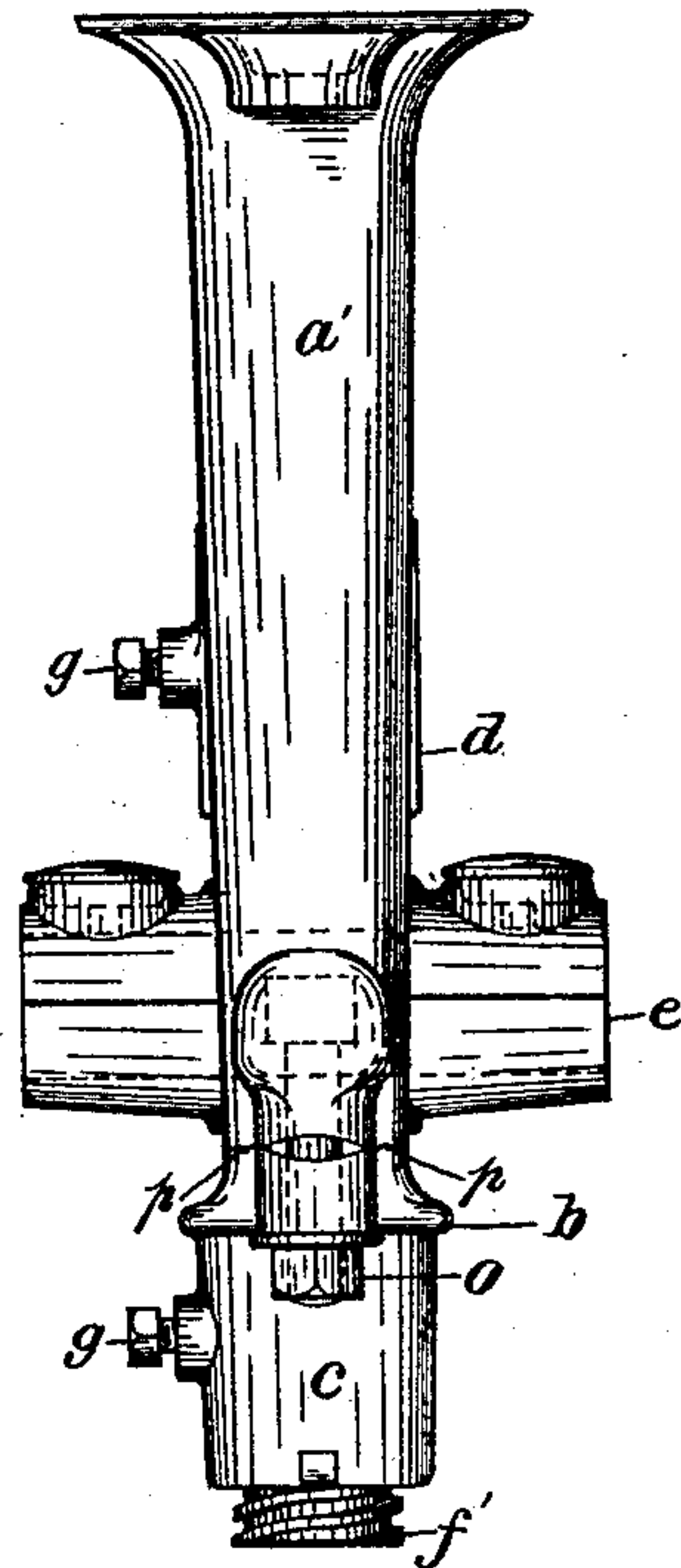
No. 452,729.

Patented May 19, 1891.

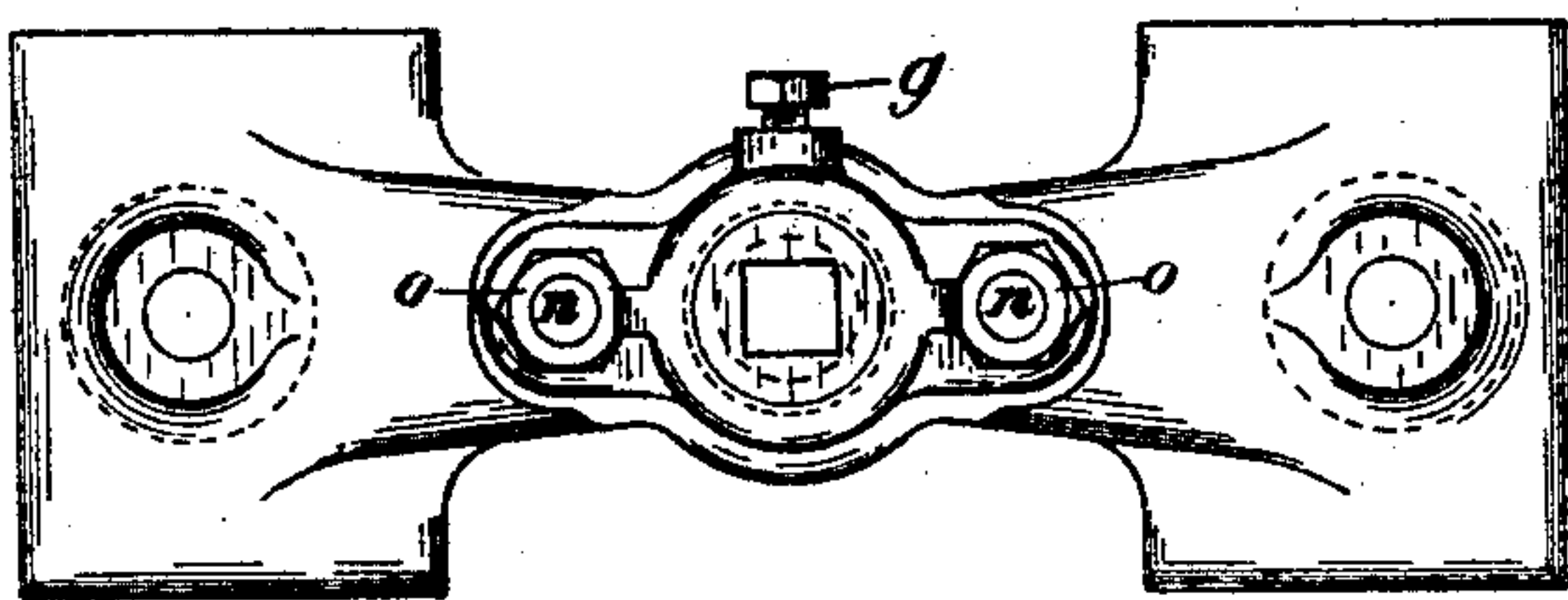
*Fig. 1.*



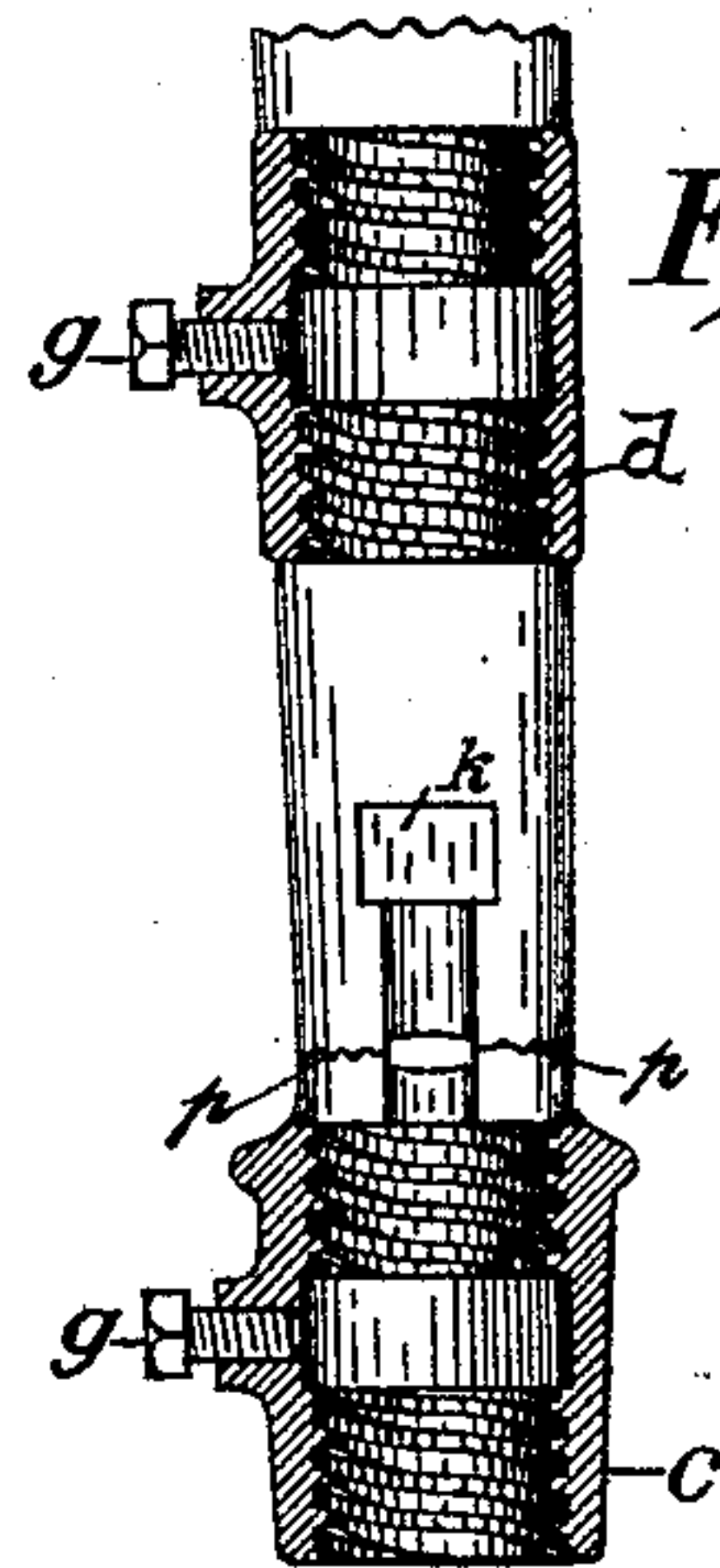
*Fig. 2.*



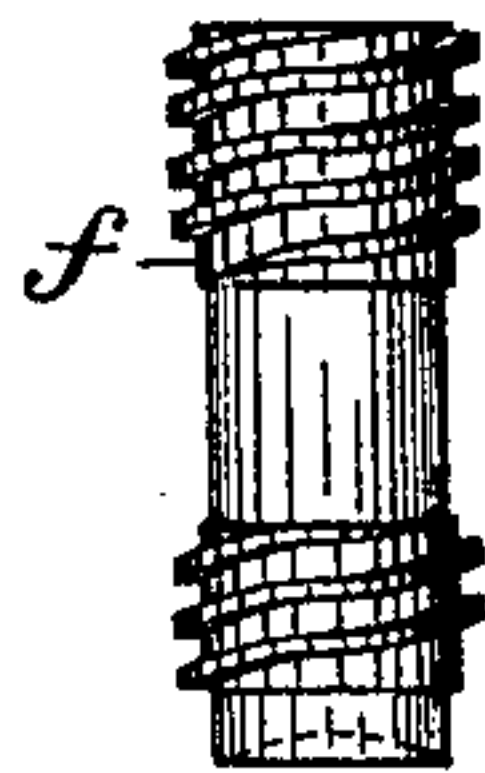
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Witnesses.  
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# UNITED STATES PATENT OFFICE.

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GEORGE V. CRESSON, OF SAME PLACE.

## SHAFT-HANGER.

SPECIFICATION forming part of Letters Patent No. 452,729, dated May 19, 1891.

Application filed February 25, 1891. Serial No. 382,769. (No model.)

*To all whom it may concern:*

Be it known that I, ANTONIO C. PESSANO, a citizen of the United States, residing in the city of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Shaft-Hangers, of which invention the following is a specification.

This invention relates to hangers such as are suspended from joists or ceilings to support shafting by means of an adjustable box in separable parts, said box being susceptible of a ball-and-socket movement.

The object of my invention is to facilitate the securing of the lower portion comprising part of the box, the lower adjusting-screw, and the transverse connection or detachable portion of the hanger-legs to the fixed portions of the same parts after the introduction of the shafting into the box.

In the annexed drawings, Figure 1 is a front elevation, Fig. 2 a side elevation, and Fig. 3 an inverted plan, of a hanger embodying said invention. Fig. 4 is a vertical section of the same on the line *x x* of Fig. 1, the top of the hanger-leg being broken off and the drip-cup omitted. Fig. 5 is an elevation of one (either) of the adjusting-screws.

Similar letters denote similar parts in the several views.

*a* and *a'* represent the hanger-legs; *b*, a transverse piece connecting said legs; *c*, the lower and *d* the upper bearing-block, both threaded internally, as shown in Fig. 4.

*e* represents the box, which is divided into

two parts; *f* and *f'*, adjusting-screws; *g*, set-screws; *h*, a drip-cup.

The two legs *a a'*, the transverse connection *b*, and the blocks *c d* are all cast together in one piece, the legs *a* and *a'* being provided with the enlargements *i* and *j*, which are respectively cored to form recesses (see *k*, Fig. 4) and notches *m*.

*n* represents screw-bolts fitted into recesses *k*, and *o* represents nuts. By driving wedges into notches *m* after the hanger has been cast the lower part of the hanger is separated from the upper part thereof, as indicated by the jagged lines *p*.

After the shafting has been lifted into the box-socket the lower part of the hanger comprising the lower section of the box, the lower adjusting-screw, and the other above-described appendages of the transverse piece *b* are lifted into place and secured there by applying nuts *o* to bolts *n*.

I claim—

The hanger-legs *a* and *a'*, provided with the enlargements *i* and *j*, and recesses *k* in said enlargements, the internally-threaded block *d*, the upper adjusting-screw *f*, and the divided box *e*, in combination with the transverse piece *b*, internally-threaded block *c*, lower adjusting-screw *f'*, screw-bolts *n*, and nuts *o*, substantially as and for the purpose set forth.

ANTONIO C. PESSANO.

Witnesses:

J. E. SHAW,  
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