

J. JORDAN.  
DOOR OR WINDOW HINGE.  
APPLICATION FILED APR. 27, 1908.

917,768.

Patented Apr. 13, 1909.

FIG. 1

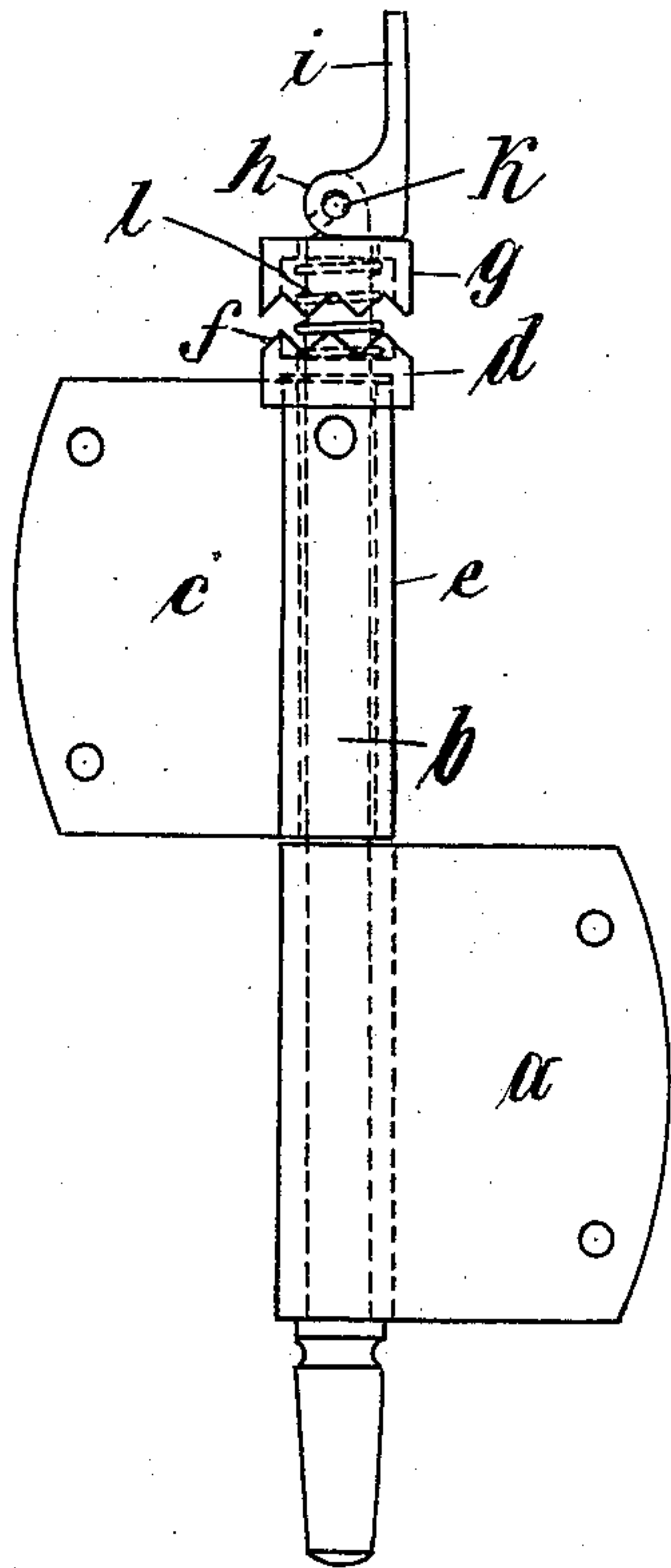


FIG. 2

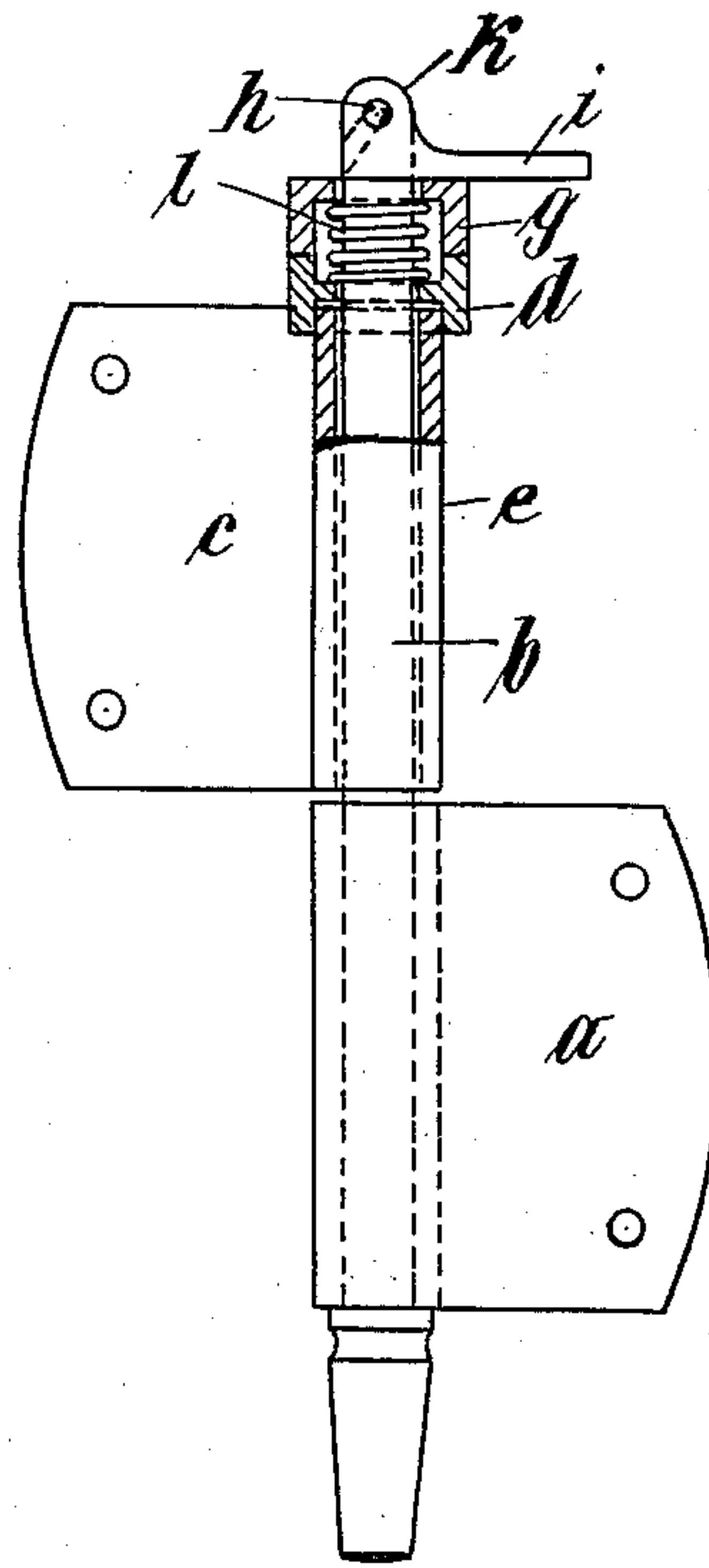


FIG. 3

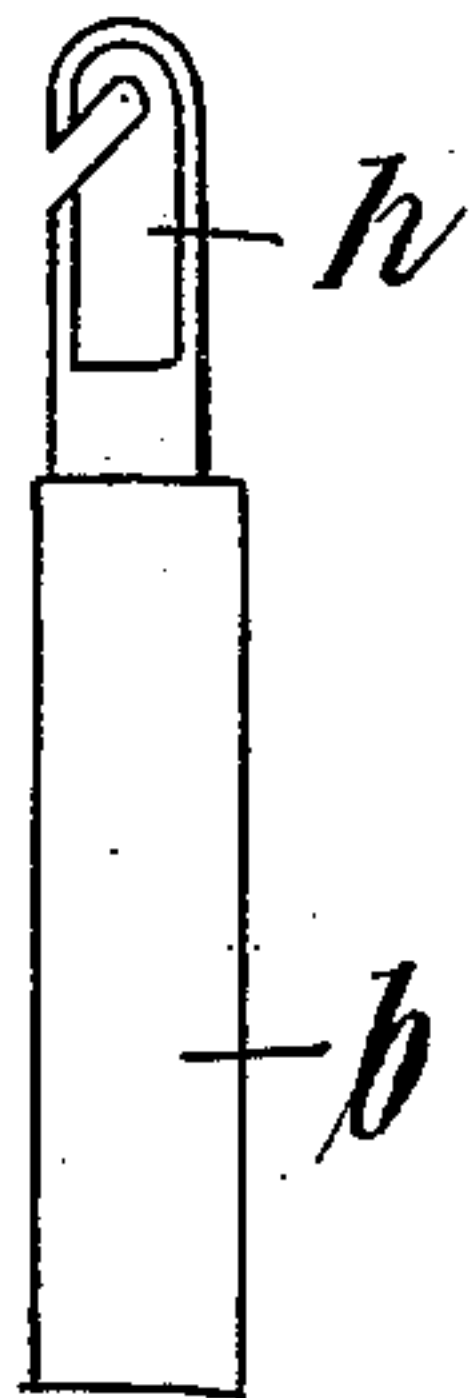
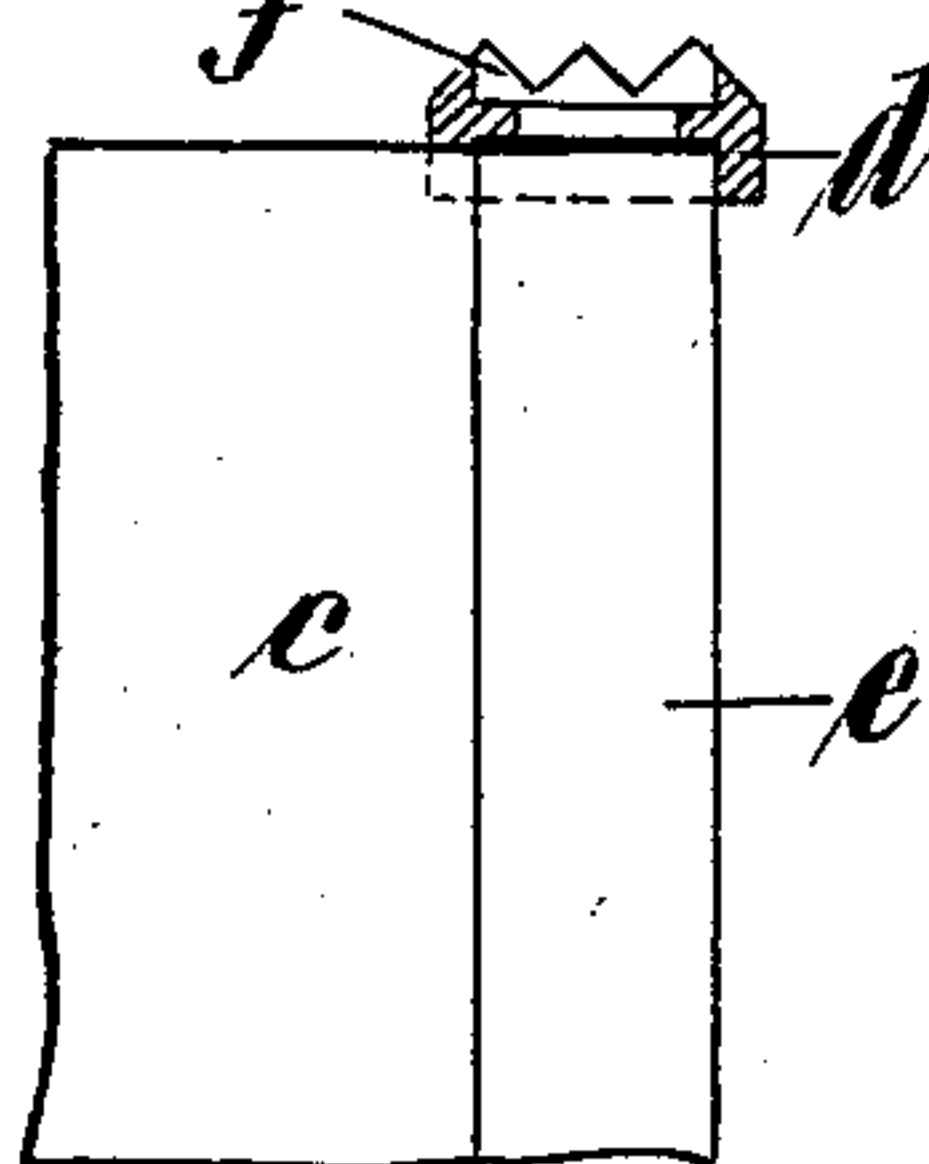


FIG. 4



FIG. 5



Witnesses:

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# UNITED STATES PATENT OFFICE.

JOHANN JORDAN, OF CREFELD, GERMANY.

## DOOR OR WINDOW HINGE.

No. 917,768.

Specification of Letters Patent.

Patented April 13, 1909.

Application filed April 27, 1908. Serial No. 429,445.

*To all whom it may concern:*

Be it known that I, JOHANN JORDAN, a subject of the German Emperor, and resident of Crefeld, Germany, have invented certain  
5 new and useful Improvements in Door or Window Hinges, of which the following is a specification.

This invention relates to improvements in door or window hinges, and more particularly to an improved device for fixing the  
10 same in any desired position.

The accompanying drawing shows the improved device.

Figures 1 and 2 are respectively a front view in inoperative position, and a sectional front view in operative position, of the same as mounted on a door hinge, and Figs. 3 to 5  
15 show details of the device.

The hinge comprises in the known manner the lower fixed leaf *a* with the pintle *b*, and the upper movable leaf *c* with the knuckle *e* mounted on said pivot. On the upper end of said knuckle *e* a collar *d* with toothed upper face *f* is rigidly fixed (see Fig. 5), while  
25 the upper end of the pintle *b* terminates in a toothed pin *h* which is flattened at two opposite sides (see Fig. 4). On the latter a collar *g* having a toothed lower face corresponding to the upper face of the collar *d*, is mounted  
30 so as to be capable of moving in axial direction but, on account of the flattened sides of the pin *h*, prevented from rotation. A spring *l* encircling the pin *h* intervenes between both collars so as to keep them apart  
35 in their inoperative position.

In the hook of the pin *h* an angular lever *i* (see Fig. 3) is by means of a pivot *k* attached in such a manner that upon the device being in inoperative position (see Fig. 1) its short  
40 arm lies with its outer edge on the movable

collar *g*. To put the device in operative position (see Fig. 2) the lever is turned on its fulcrum until the outer edge of the longer arm lies flat on the movable collar *g*. Thereby, the adjacent toothed faces of the two  
45 collars are—on account of the angle-lever having an eccentric fulcrum, *e. g.* the latter being arranged farther away from the edge of the long arm than from that of the short arm—caused to catch into each other so that  
50 no further turning of the movable leaf is possible, the door or window being thus fixed in position.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—  
55

In a door or window hinge, a device for fixing the same in any position, comprising in combination with the lower fixed leaf having a pintle, and the upper movable leaf  
60 having a knuckle mounted on said bolt; a collar rigidly fixed on top of said knuckle and provided with a toothed upper face, a hooked pin rigidly fixed on top of said pintle and provided with two opposite flattened sides,  
65 another collar provided with a toothed lower face and mounted on said pin so as to be capable of moving in axial direction but prevented from rotation, a spring to intervene between both collars, and an angle-lever fulcrumed in the hook of said pin and having  
70 an eccentric fulcrum, all for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing  
75 witnesses.

JOHANN JORDAN.

Witnesses:

WICKLIN BOVENTER,  
DIETRICH FELTGEN.