

No. 785,945.

PATENTED MAR. 28, 1905.

I. L. GARSIDE.
SLAT ADJUSTER.

APPLICATION FILED AUG. 18, 1904.

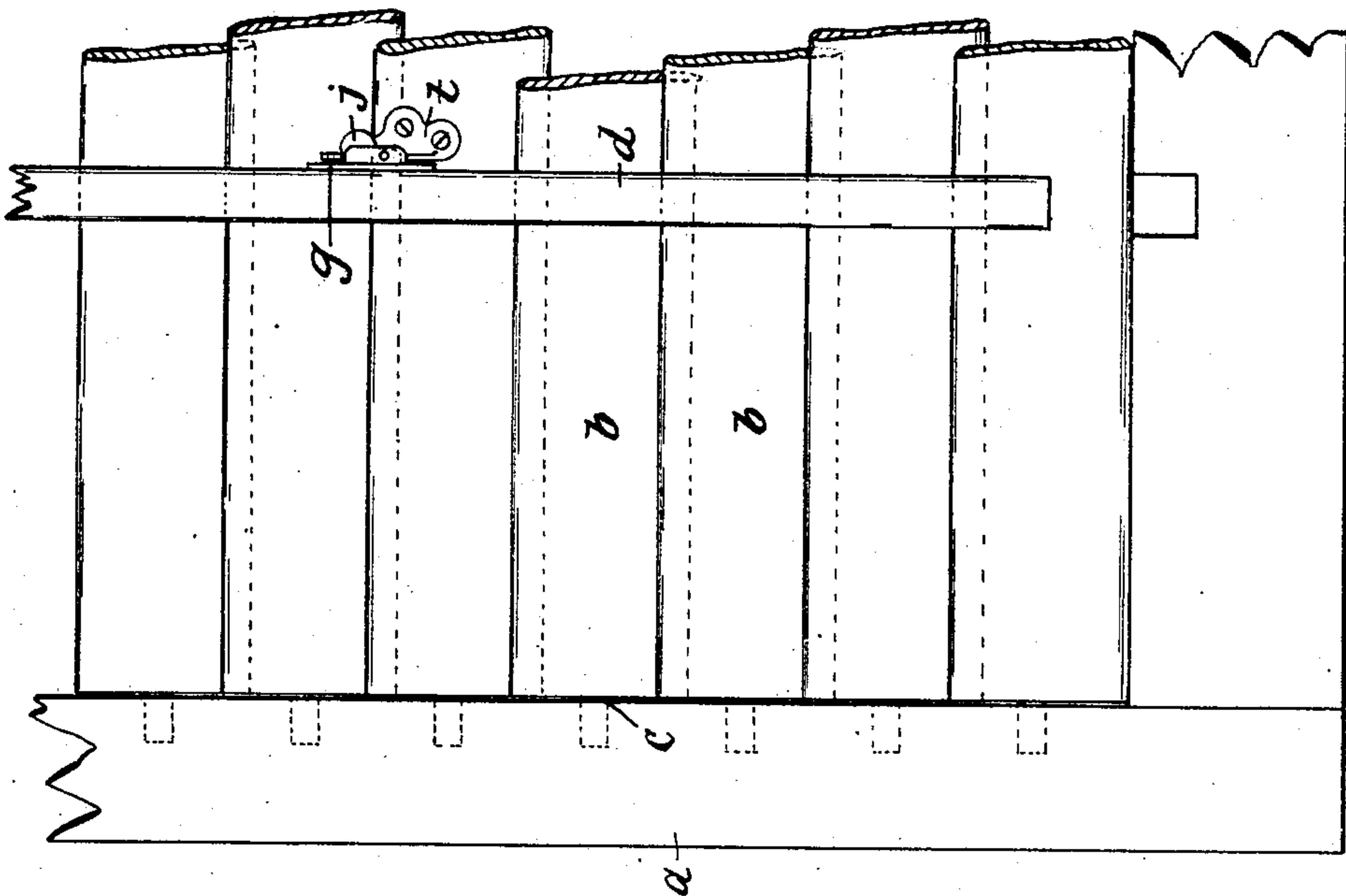


Fig. 1

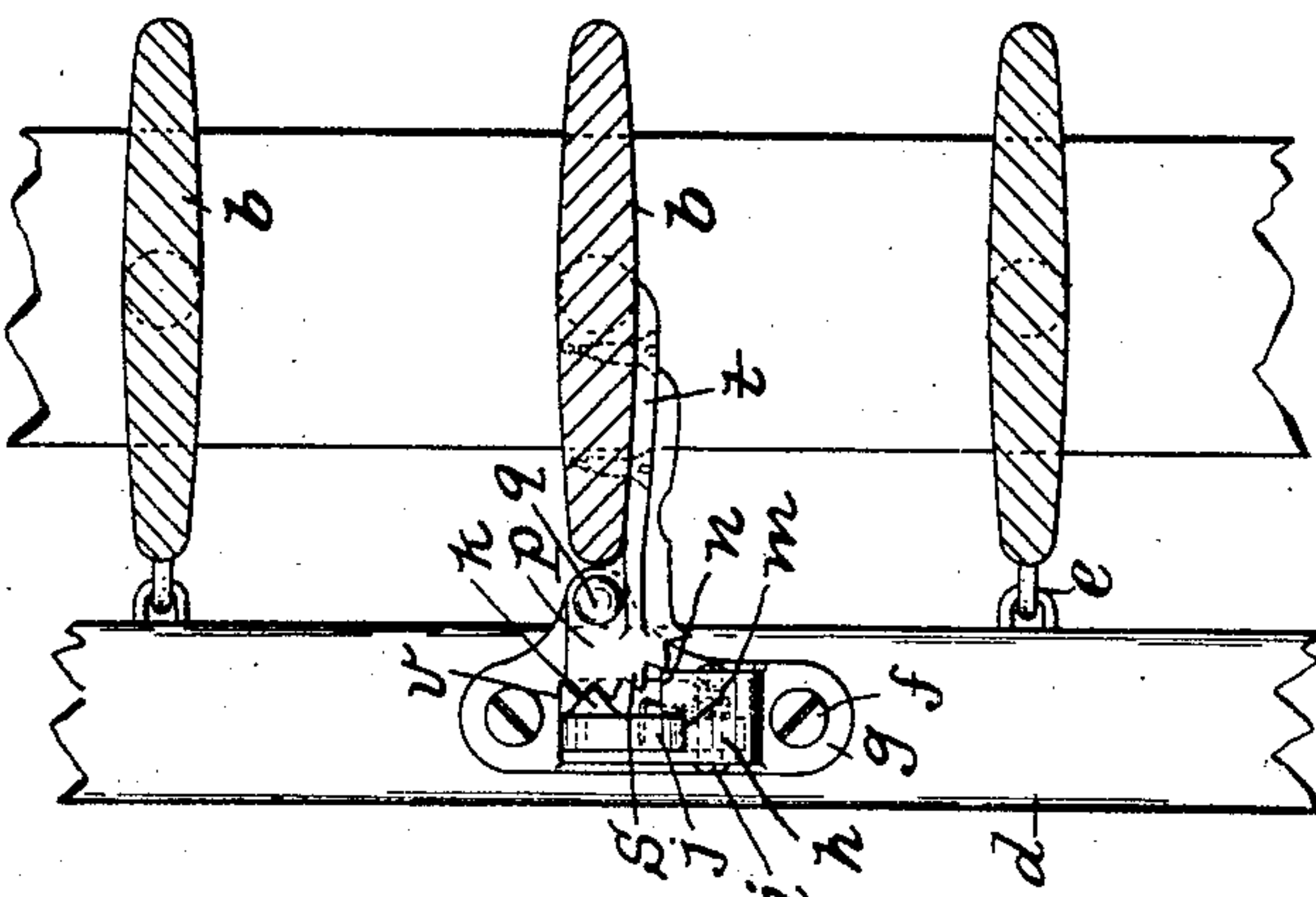


Fig. 3

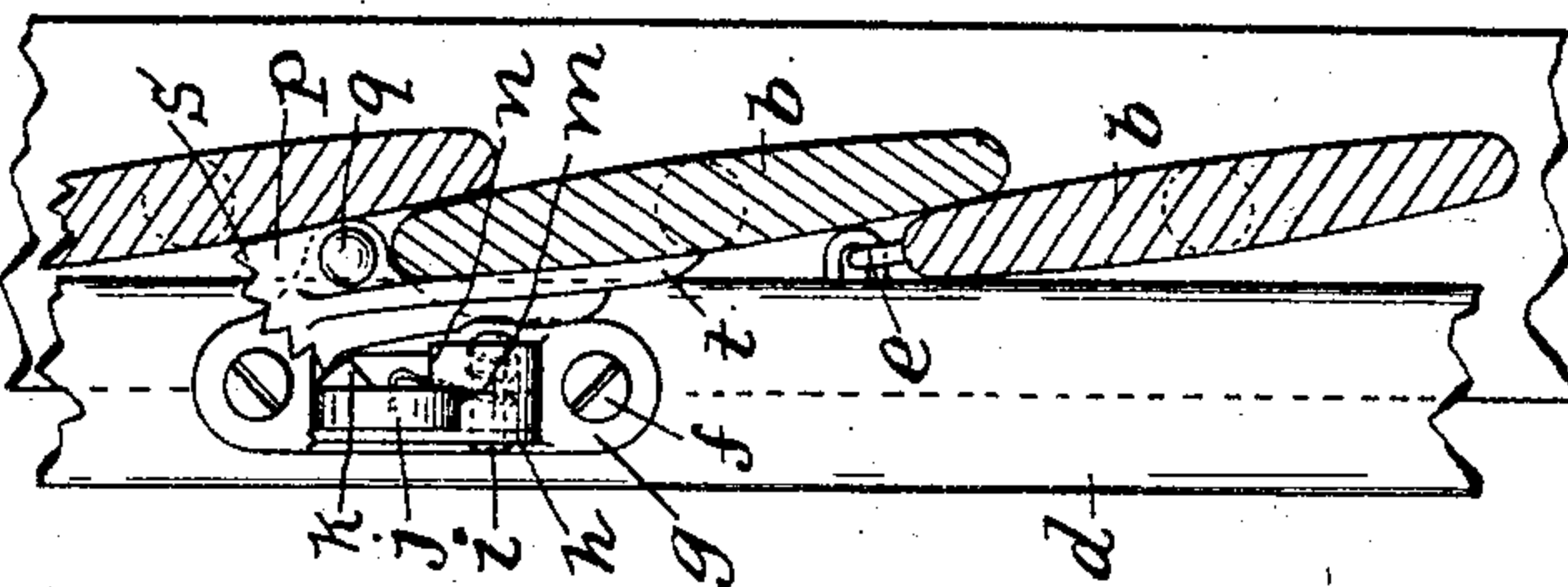


Fig. 2

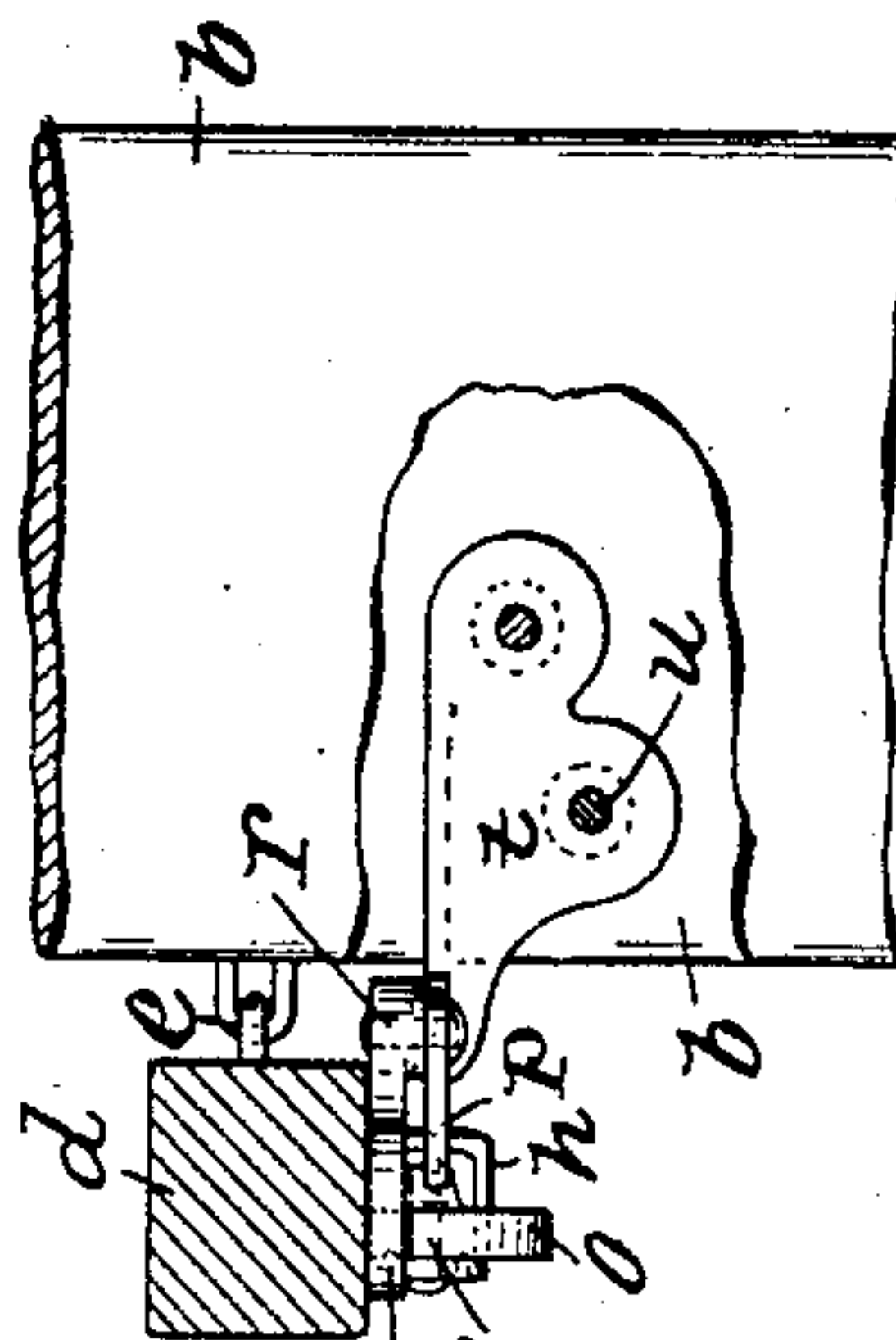


Fig. 4

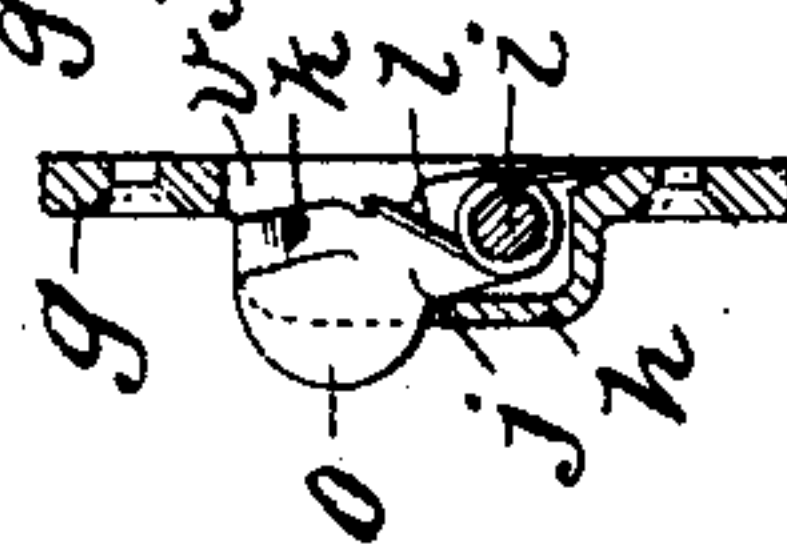


Fig. 5



Fig. 6

WITNESSES:

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UNITED STATES PATENT OFFICE.

IRAD L. GARSIDE, OF PATERSON, NEW JERSEY, ASSIGNOR TO THE
GARSIDE MANUFACTURING COMPANY, OF PATERSON, NEW JER-
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SLAT-ADJUSTER.

SPECIFICATION forming part of Letters Patent No. 785,945, dated March 28, 1905.

Application filed August 18, 1904. Serial No. 221,194.

To all whom it may concern:

Be it known that I, IRAD L. GARSIDE, a citizen of the United States, residing in Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Slat-Adjusters; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My present invention has for its object to provide an improved attachment for blinds having pivoted slats, whereby to secure the slats in any desired adjustment. A device of this nature constructed substantially as hereinafter described will be found to be neat, compact, and attractive in appearance, to require but little cost to manufacture, and to not hamper in any way the free action of the slats.

In the accompanying drawings, wherein my invention will be found fully illustrated, Figure 1 is an inside view of a blind having pivoted slats and provided with my improved slat-adjuster. Fig. 2 is a vertical sectional view of the blind, slightly enlarged, taken just to the right of the slat-adjuster, and showing the slats held closed thereby. Fig. 3 is a view substantially like Fig. 2, except that the slat-adjuster is here shown as holding the slats in their extreme open position. Fig. 4 is a sectional view taken between two slats and just above the slat-adjuster. Fig. 5 is a vertical sectional view of the slat-adjuster, taken sufficiently to the right of a certain pawl to show the same in side elevation, and Figs. 6 and 7 are side views of a certain bracket and segment detached from each other.

In the drawings, *a* is a blind having its slats *b* pivotally supported therein by pintles *c* in the usual manner.

d is the connecting-rod, which is coupled with each slat *b* by the usual interconnected staples *e*.

On the side of the rod *d* at a point prefer-

ably midway the length thereof (which point is obviously where the rod should be grasped for operating the slats with the greatest facility) is secured, as by screws *f*, a bracket *g*, having a hollow raised portion *h*, traversed by a rivet *i*. On this rivet is pivoted a pawl *j*, whose free end projects out from under the raised portion *h* and is formed on one side with a tooth *k*. The free end of the pawl is pressed outwardly by a spring *l*, which is coiled about the rivet *i* and has one end engaging the back of the pawl and the other end the back of the bracket, as best indicated in Fig. 5. Under the action of the spring the pawl normally stands in the position shown in Fig. 5, where it is forced into a notch *m*, formed in the upper edge *n* of the raised portion *h*. The free end of the pawl is formed with an outward projection *o*, which when the pawl stands in its extreme outward position under the action of the spring projects appreciably beyond the level of the outer surface of the raised portion *h*, so as to be readily accessible to be pressed in by the operator's finger.

p is a segment which is pivoted on a rivet *q*, mounted in an extension *r* of the bracket *g*. This segment is formed with teeth *s* on its periphery, adapted to be engaged by the tooth *k* of the pawl *j*. The segment is formed as an integral part of a plate *t*, which is secured to one of the slats *b*, as by screws *u*. The segment and plate stand at right angles to each other, so that the segment lies in a plane parallel with the bracket *r*, while the plate lies flat against the face of the slat to which it is secured.

In operating the device the rod is grasped in such manner as to bring the same and pawl *j* between the thumb and forefinger, so that the pawl is pressed inwardly against the tension of the spring *l* to throw its tooth *k* out of the plane of the segment *p*. The rod *d* is then moved longitudinally until the slats assume the adjustment desired, whereupon the pawl is released to reengage the segment *p* in between different teeth thereof.

It is preferable in order to secure compact-

ness in the bracket *g* that the pawl *j* be set so as to be received by an elongated opening *v*, formed in the bracket when the pawl is pressed inwardly.

5 Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is--

1. The combination of a blind having piv-
10 oted slats, a rod pivotally connected to each of said slats, coengaging parts, one of which has a series of teeth and the other of which is en-
gageable with any one tooth in said series of teeth, and a bracket secured to said rod, one
15 of said parts being movably mounted in said bracket and spring-actuated and the other be-
ing rigidly fixed to one of said slats, substan-
stantially as described.

2. The combination of a blind having piv-
20 oted slats, a rod pivotally connected to each of said slats, a segment secured to one of said slats substantially at right angles thereto and

having a toothed periphery, a bracket secured to said rod, and a pawl pivoted in the bracket and engageable with the teeth of said segment, substantially as described. 25

3. The combination of a blind having piv-
oted slats, a rod pivotally connected to each of said slats, coengaging parts, one of which has a series of teeth and is secured to one of the
30 slats and the other of which is engageable with any one tooth in said series of teeth and is movable laterally with reference to said rod, and a bracket secured to said rod and serving
as a mounting for said last-named part, sub-
stantially as described. 35

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of August, 1904.

IRAD L. GARSIDE.

Witnesses:

JOHN W. STEWARD,
ANDREW CAMPBELL.