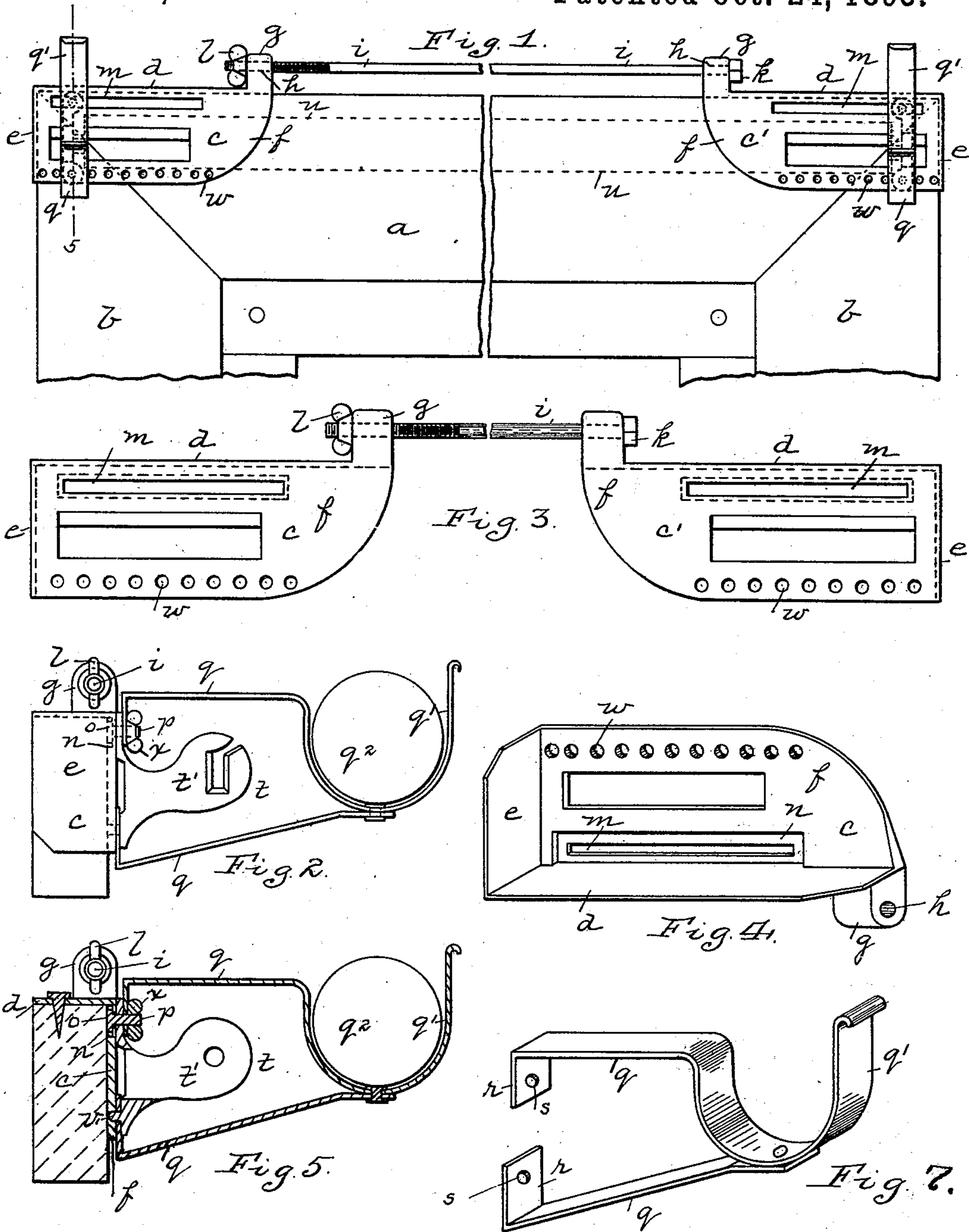


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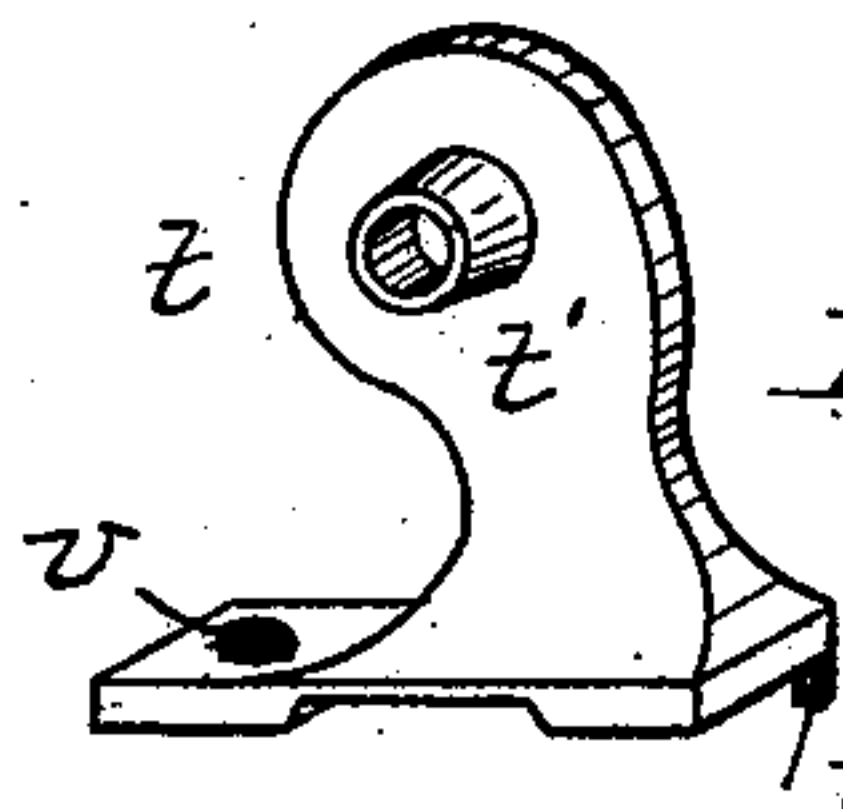
J. FRALEY.
SUPPORT FOR CURTAINS OR BLINDS.

No. 507,266.

Patented Oct. 24, 1893.



Witnesses:
H. H. Martin.
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UNITED STATES PATENT OFFICE.

JOHN FRALEY, OF MCKEESPORT, PENNSYLVANIA.

SUPPORT FOR CURTAINS OR BLINDS.

SPECIFICATION forming part of Letters Patent No. 507,266, dated October 24, 1893.

Application filed March 23, 1893. Serial No. 467,353. (No model.)

To all whom it may concern:

Be it known that I, JOHN FRALEY, a resident of McKeesport, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Supports for Curtains or Blinds; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to supports for curtains or blinds, its object being to provide a form of support which will be firm and secure, and one which will not lose its firmness as in the case of the ordinary form of support heretofore commonly employed, which depended chiefly for support upon screws or nails engaging with the wooden frame-work of the window. Where screws or nails are employed to secure the supports in place, the weight of the curtains or blinds, together with the sudden jerks to which said supports are subjected in arranging the curtains or adjusting the blinds at different heights, will act to loosen said screws or nails and so destroy the firmness and security of the supports. Again, where such supports have become loose and have been removed and replaced to obtain a firm support, the wood-work of the window frames at those points becomes perforated with screw or nail holes and it is practically impossible to obtain a hold for the screws or nails, while at the same time these holes and the screwing of the screws or hammering of the nails disfigures the wood-work.

The purpose of my invention, therefore, is to obviate these difficulties and it comprises, generally stated, clamps or corner pieces engaging with the frame-work at the upper corners thereof, said clamp or corner piece having a slot formed therein, and a series of openings parallel therewith, and brackets engaging with said slot and openings and movable thereon, whereby said brackets may be adjusted at a greater distance from each other or brought into closer proximity as may be desired.

My invention further comprises certain details and improvements all of which will be fully hereinafter set forth and claimed.

To enable others skilled in the art to make and use my invention, I will describe the same

more fully, referring to the accompanying drawings in which—

Figure 1 is a front view of a window frame partly broken away having my improved curtain or blind support applied thereto. Fig. 2 is a side view thereof. Fig. 3 is an enlarged front view of the clamps and their connection. Fig. 4 is a perspective view of one of the clamps removed showing the interior thereof. Fig. 5 is a section on line 5—5, Fig. 1. Fig. 6 is a perspective view of the bracket for supporting the blind; and Fig. 7 is a like view of the curtain bracket.

Like letters indicate like parts in each of the figures.

As it is often desirable to hang curtains, as well as blinds at the same window, and as my invention may be conveniently employed in such cases, I have illustrated it with that idea in view, although it is apparent that my invention is applicable to cases where curtains or blinds are used separately.

In the drawings *a* represents the top cross-piece and *b* the uprights of the frame-work of a window. Engaging with the upper corners of the cross-piece *a* are the clamps or corner pieces *c c'*, said clamps being formed of suitable metal having the requisite strength. Each of the clamps consists of the top *d*, the end *e* and the front *f*, so that when said clamps are in position, as shown in Fig. 1, the top *d* will rest on the top of the cross piece *a* of the frame-work, the end *e* will be in contact with the uprights *b* and the front *f* rests in contact with the front face of the top cross-piece *a*. In this manner the clamps are adapted to engage with and fit snugly on the upper corners of the frame-work. In order to clamp said clamps *c c'* firmly in place to prevent their slipping from their positions, said clamps are formed with the lugs *g* having the openings *h* formed therein through which passes the connecting rod *i*. This rod *i* is provided at one end with the head *k*, the opposite end of said rod being threaded and engaged by a thumb nut *l*. By this construction when the clamps *c c'* have been fitted on the corners of the frame-work, in the manner described, by screwing up the thumb nut *l* the clamps *c c'* will be drawn toward each other. With the ends *e* of said clamps *c c'* in engagement with

the uprights *b* of the frame-work, it is apparent that as the said clamps are brought into closer proximity to each other they will be the more securely clamped in place. The
 5 rod *i* may be omitted and said clamps may be held in place by other means. For example, an opening may be made in the top *d* to receive a nail or screw to secure said clamps in place. A slot *m* is formed in the front *f*
 10 of the clamp, the space around said slot on the inner face of the front *f* being rabbeted as designated by the letter *n*. The head *o* of a pin or bolt *p* fits in this rabbeted portion *n* while the shank thereof passes through said
 15 slot *m*.

As stated, I have illustrated my invention in connection with its application to a window where it is desired to hang both curtains and blinds, and consequently it is necessary
 20 to employ two sets of brackets, one set to support the curtain rod and the other to support the blind rod. These brackets may be of any suitable construction, the brackets for the curtains projecting out beyond the brackets
 25 for the blinds as it is customary to have the blinds next to the window. The curtain brackets consist of the arms *q* supporting the curved extension *q'* for receiving the curtain pole *q''*. The arms *q* have the tongues *r* formed
 30 thereon, said tongues being provided with openings *s*. The blind brackets *t* have the projecting arm *t'* with bearings formed therein to receive the ends of the blind roller *u*. Each blind bracket is provided with an open-
 35 ing *v* and a teat *v'*. The front *f* of the clamp is provided with a series of openings *w* parallel with the slot *m*.

To secure the brackets in place, the curtain bracket is first arranged with its openings *s*
 40 coincident with the slot *m* and with the pin or bolt *p* passing through the opening coincident with the slot *m*. The bracket *t* for supporting the blind roller is then arranged between the arms *q* of the curtain bracket, the
 45 pin or bolt *p* passing through the opening *v* while the nut *x* holds the brackets securely in place. The teat *v'* passes through the lower opening *s* of the curtain bracket and then

into one of the series of openings *s*. By this arrangement the brackets may be readily
 50 brought into closer proximity to each other or placed farther apart, it only being necessary to loosen the nut *x* sufficiently to allow the head *o* of the bolt or pin *p* to slide in the
 55 rabbeted guide *n* and release the teat *v'* from engagement with one of the openings *s*, when said brackets may be secured at different positions with reference to each other. This is a great advantage as the curtain poles and
 60 blind rollers can thus be made to fit different window frames without reducing their length. When the nut *x* is tightened up, it clamps the bracket firmly in place so that it remains rigid and does not work loose.

My invention can be used with great ad-
 65 vantage where iron window frames are employed, as in the case of fire-proof buildings, as the clamps may be easily secured thereto.

What I claim as my invention, and desire
 70 to secure by Letters Patent, is—

1. In a curtain or blind support, a clamp or corner-piece constructed to engage with the corner of the frame-work, said clamp or corner piece having a slot formed therein and a series of openings parallel therewith, a bracket
 75 engaging with said slot and openings and movable thereon, substantially as and for the purposes set forth.

2. In a curtain or blind support, a clamp or corner piece constructed to engage with the
 80 corner of the frame-work, said clamp or corner-piece having a slot formed therein, a series of openings parallel therewith, said slot having a rabbeted edge, a pin or bolt engaging with said slot, a bracket engaged by said
 85 pin or bolt, said bracket having a teat formed thereon adapted to engage with said openings, substantially as and for the purposes set forth.

In testimony whereof I, the said JOHN FRA-
 90 LEY, have hereunto set my hand.

JOHN FRALEY.

Witnesses:

J. A. MELLINGER,
 R. S. LATTA.