

(No Model.)

T. M. BRINTNALL.
CURTAIN FIXTURE.

No. 358,377.

Patented Feb. 22, 1887.

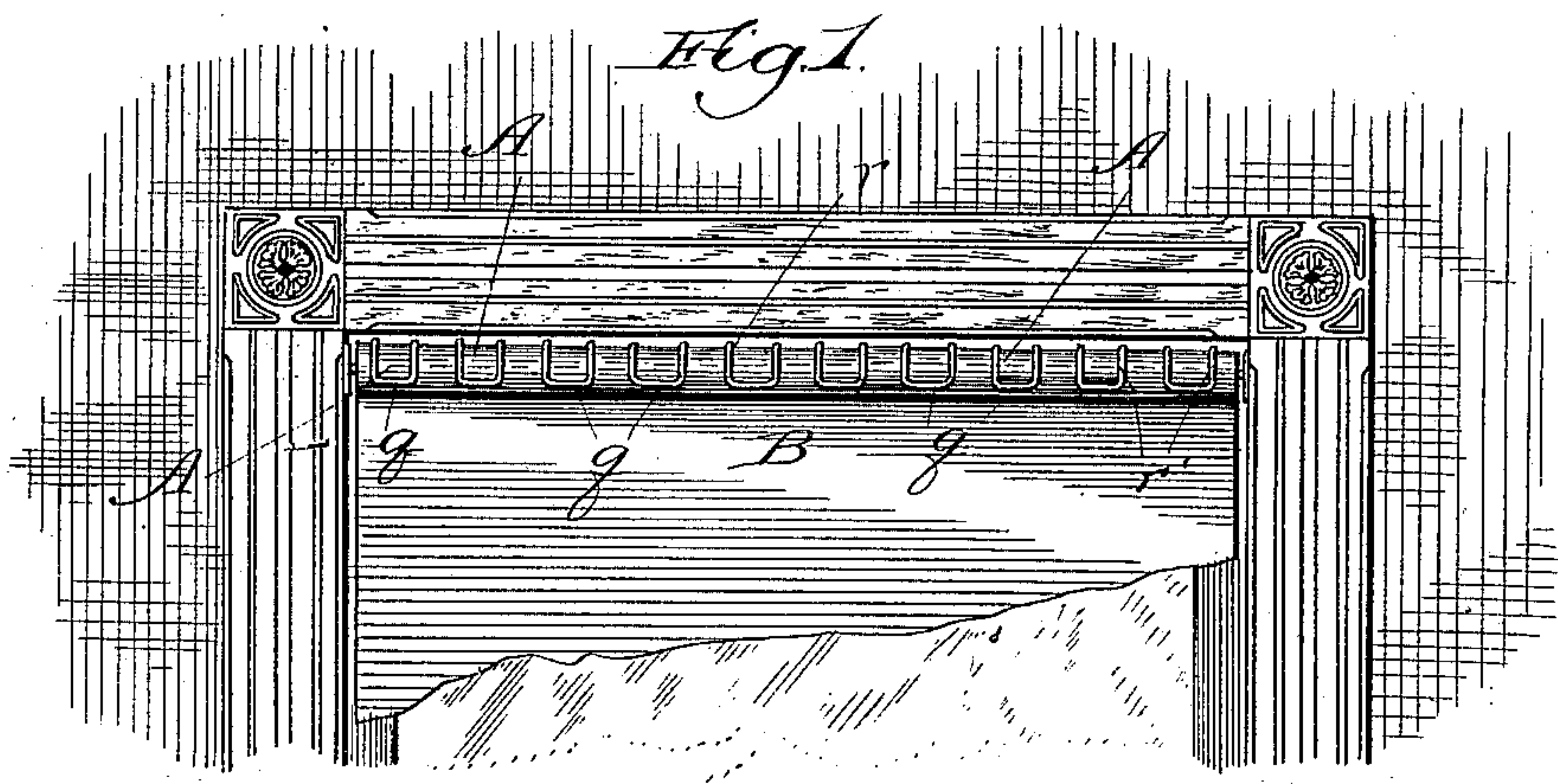


Fig. 2.

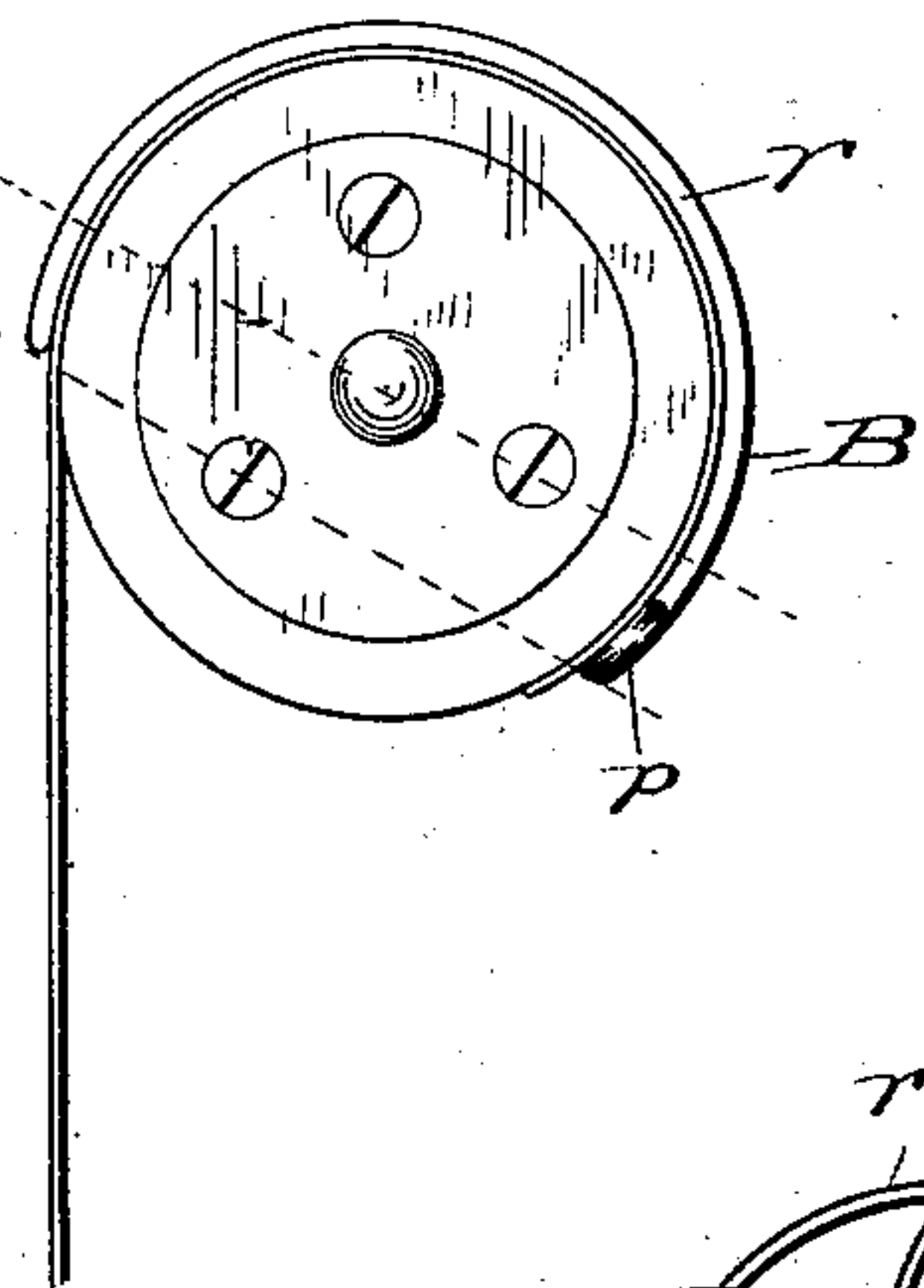
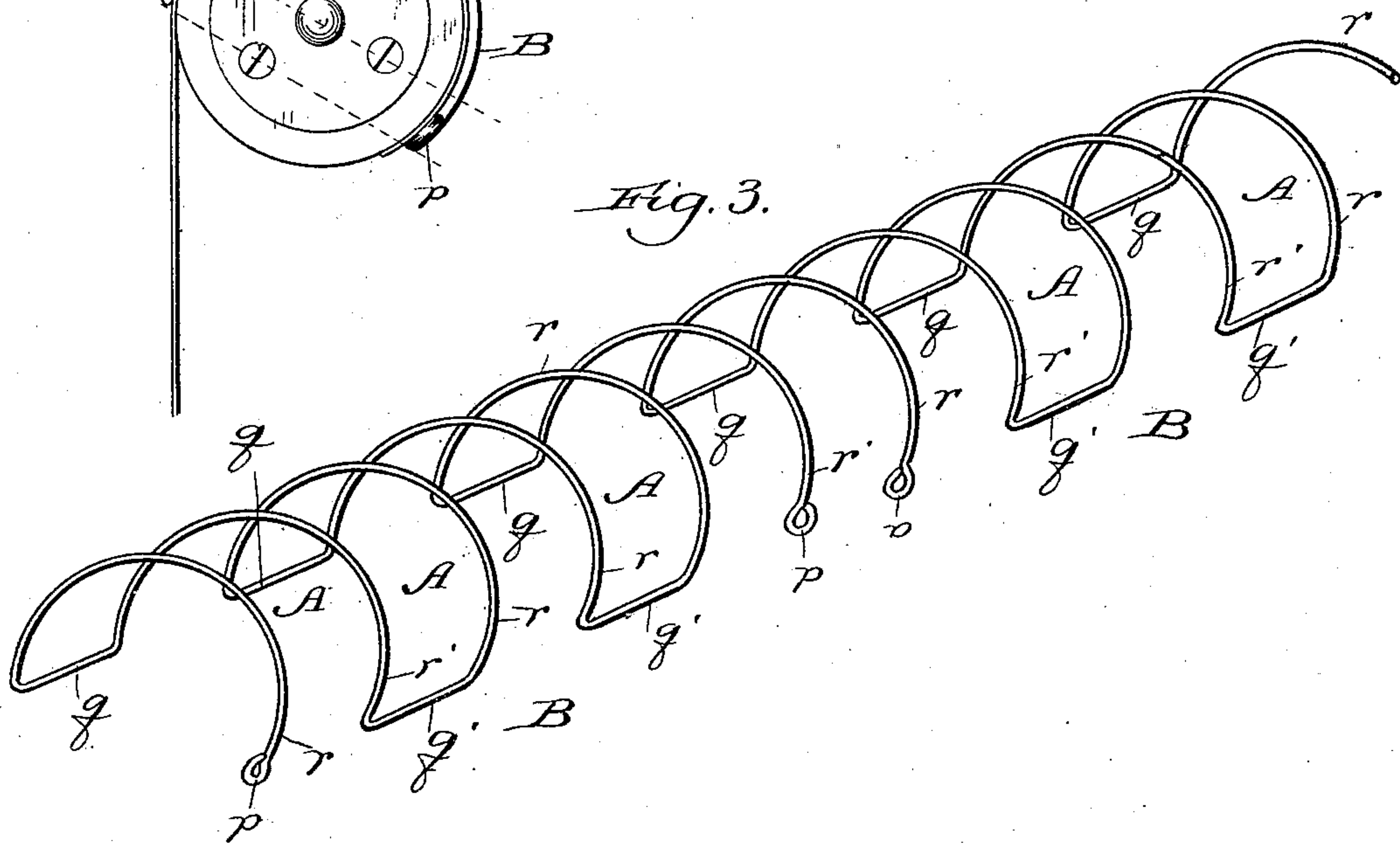


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 358,377, dated February 22, 1887.

Application filed May 10, 1886. Serial No. 201,722. (No model.)

To all whom it may concern:

Be it known that I, THOMAS M. BRINTNALL, a citizen of the United States, residing at Maryville, in the county of Nodaway and State of Missouri, have invented certain new and useful Improvements in Curtain-Fixtures; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a particular form of clamp to serve in attaching curtains upon the poles on which they are commonly hung, or shades upon their rollers, securely but in a manner sufficiently yielding to prevent injury, by tearing, to the curtains or shades if subjected to undue strain.

It is my object to provide a clamp for the above-named purpose which shall present the advantage of use stated, and also permit of its ready adjustment or detachment in hanging or taking down curtains or shades.

To this end my invention consists in the general construction of my improved device; and it also consists in certain details of construction and combinations of parts, all as herein-after more fully set forth.

In the drawings, Figure 1 shows the upper part of a window, in front elevation, with a shade-roller in position provided with my improved clamping device; Fig. 2, an end view of the same, and Fig. 3 a perspective view of two clamps, several being for use in clamping a single curtain.

The device comprises springy metal, preferably wire, bent to form loops A, each composed of transverse curved strands r and r' , connected by a longitudinal strand, q . The efficiency of the device in its purpose depends upon its form, (clearly illustrated in Fig. 3,) and the latter is, therefore, the form of clamp constituting my improvement, a construction involving single or disconnected clamps or loops A having hitherto been employed in a somewhat similar form as a curtain-fixture for securing the weight-stick to the bottom of a curtain. I am also aware that is not new to employ curtain-fasteners for holding a curtain upon its roll, comprising separate bands of elastic material in the form of rings cut on one side and clamped into grooves around the curtain-roller.

The connection of the loops to afford a series forming the clamp B is accomplished in the bending of the wire to produce a longitudinal connecting-strand, q' , between each pair of loops A, which strands q' thus alternate with the strands q , the two being on opposite sides of the device. The first curved strand, r , and last one, r' , of each device is bent or blunted at its extremity, preferably in the form of an eye, p , to avoid raw ends or sharp points at the ends of the wire, which would tend to tear or otherwise injure the clamped article.

The longitudinal strands q and q' , though shown to be straight, may be slightly curved outwardly in form, if desired, to increase the extent of surface inclosed by the outlines of the loops and enhance the degree of their springy quality in a direction longitudinal of the device.

To use the device, which, besides its useful function, affords an attractive ornament, the curtain or shade is applied to the supporting pole or roller, (a sufficient width at the end upon which the article is hung being applied,) preferably to cover about one-half of the circumference of the pole or roller.

The clamps B are made in different sizes to fit upon poles or rollers of different diameters, and should, by preference, extend more than half-way around.

The application or adjustment of the clamp B is performed by springing it upon the applied end of the curtain or shade over the pole or roller, the length of which determines the number of connected series of loops A employed, and the number of loops in each series may be varied according to the size of wire used, a clamp of comparatively fine wire requiring a greater number of loops A and closer together than one of heavier wire.

The device thus formed of loops in connected series possesses the advantage of distributing and equalizing the sustaining-pressure and compensating in itself, from one part to another, for any irregularity in the curtain or shade at the part where it is sustained.

The detachment of the clamps is accomplished as readily as their adjustment by simply pulling them off.

What I claim as new, and desire to secure by Letters Patent, is—

1. A curtain-clamp comprising a series of loops, A, formed of a continuous length of springy material bent to produce curved strands r and r' , longitudinal strands q , and longitudinal strands q' , connecting the loops, substantially as and for the purpose set forth.

2. A curtain-clamp comprising a series of loops, A, formed of a continuous length of wire bent to produce curved strands r and r' , longitudinal strands q , longitudinal strands q' , connecting the loops, and blunt ends p at the

extremities of the clamp, substantially as and for the purpose set forth.

3. A curtain-clamp comprising a series of loops, A, formed of a continuous length of wire bent to produce strands r and r' , curved to form each more than one-half a circle, longitudinal strands q , and longitudinal strands q' connecting the loops, substantially as and for the purpose set forth.

THOMAS M. BRINTNALL.

In presence of—

HENRY HUDSON,

J. W. DYRENFORTH,