

No. 754,554.

PATENTED MAR. 15, 1904.

O. A. ESSIG.
WINDOW CURTAIN ATTACHMENT.

APPLICATION FILED SEPT. 11, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

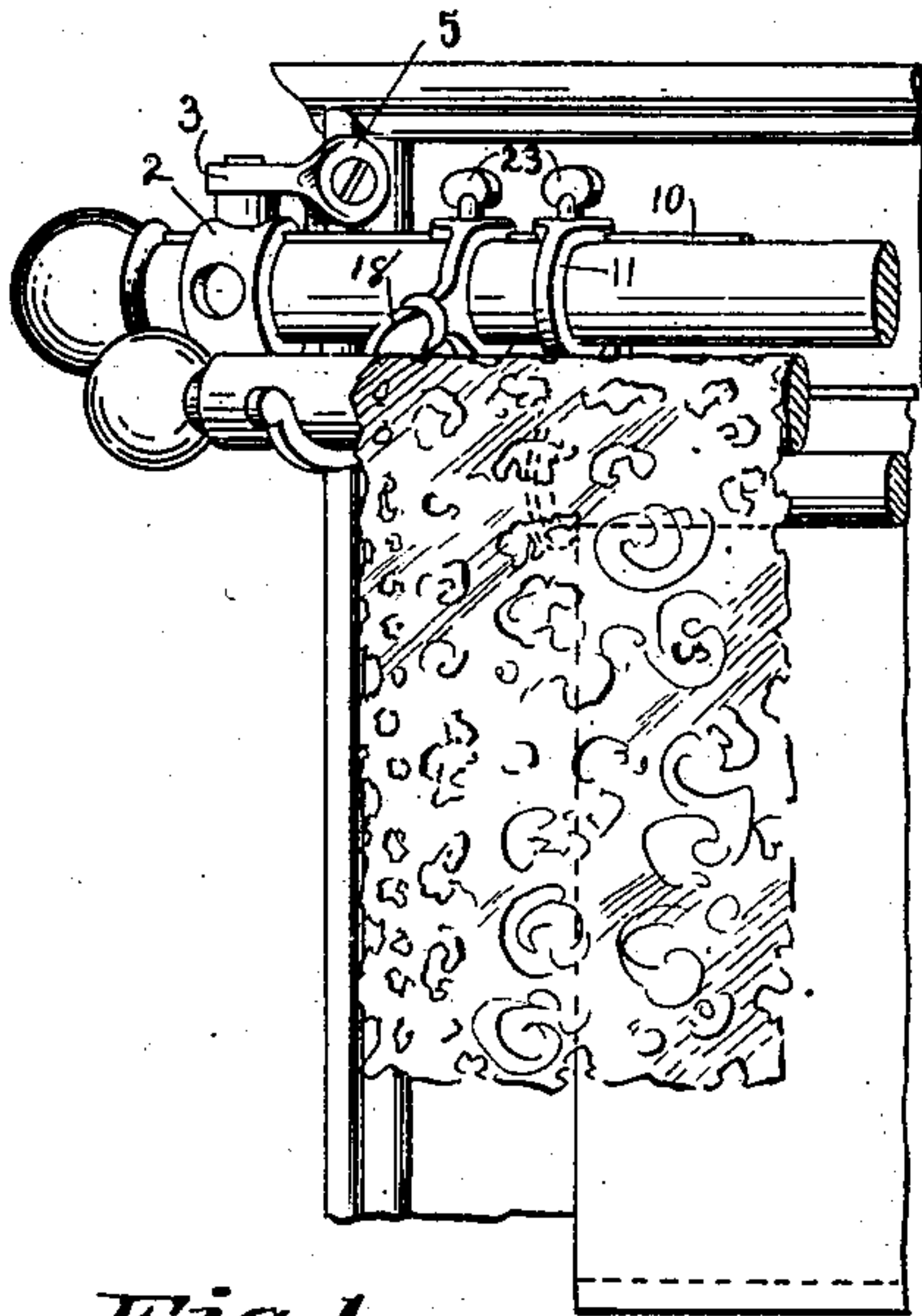


Fig. 1

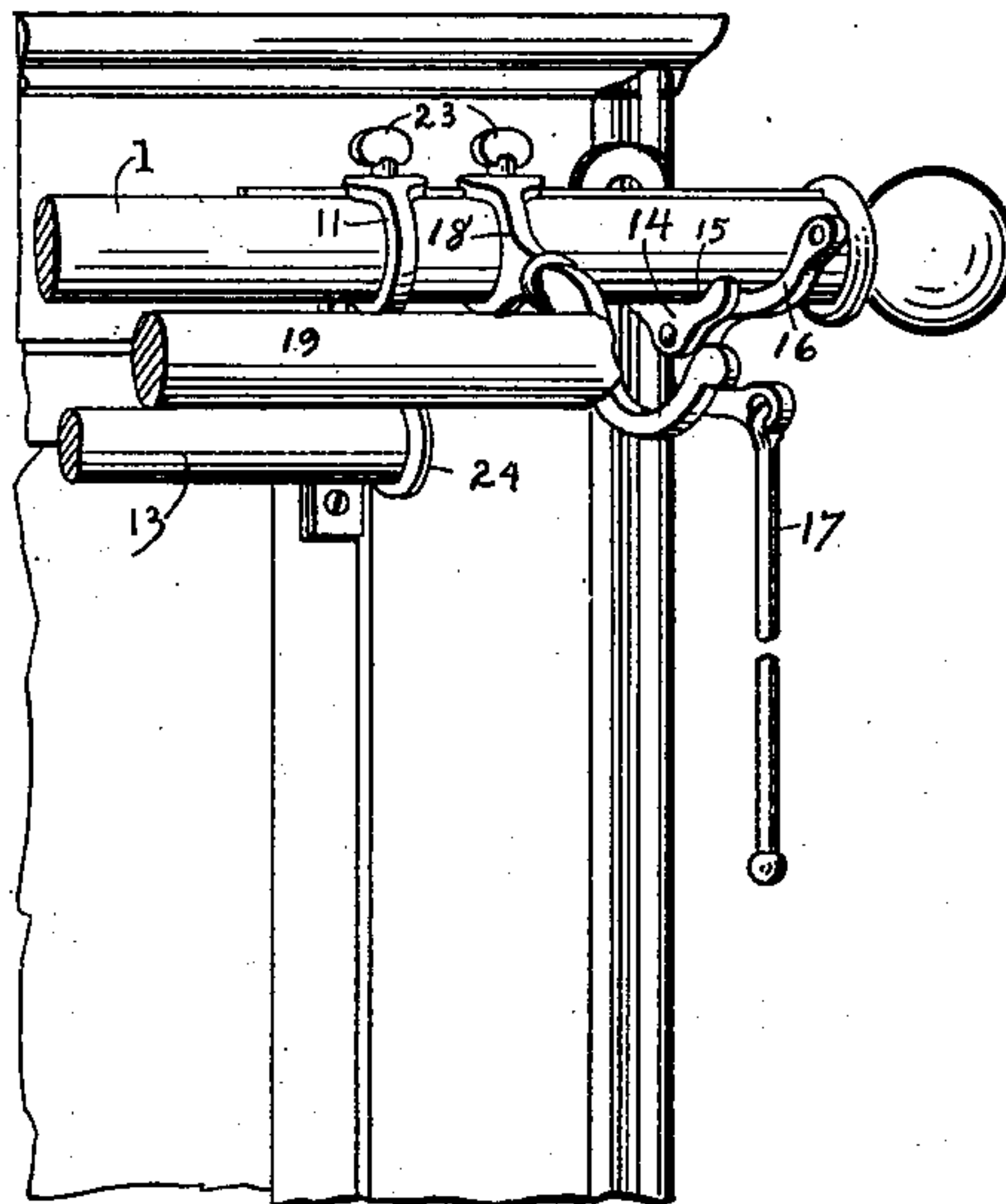


Fig. 2.

Fig. 3.

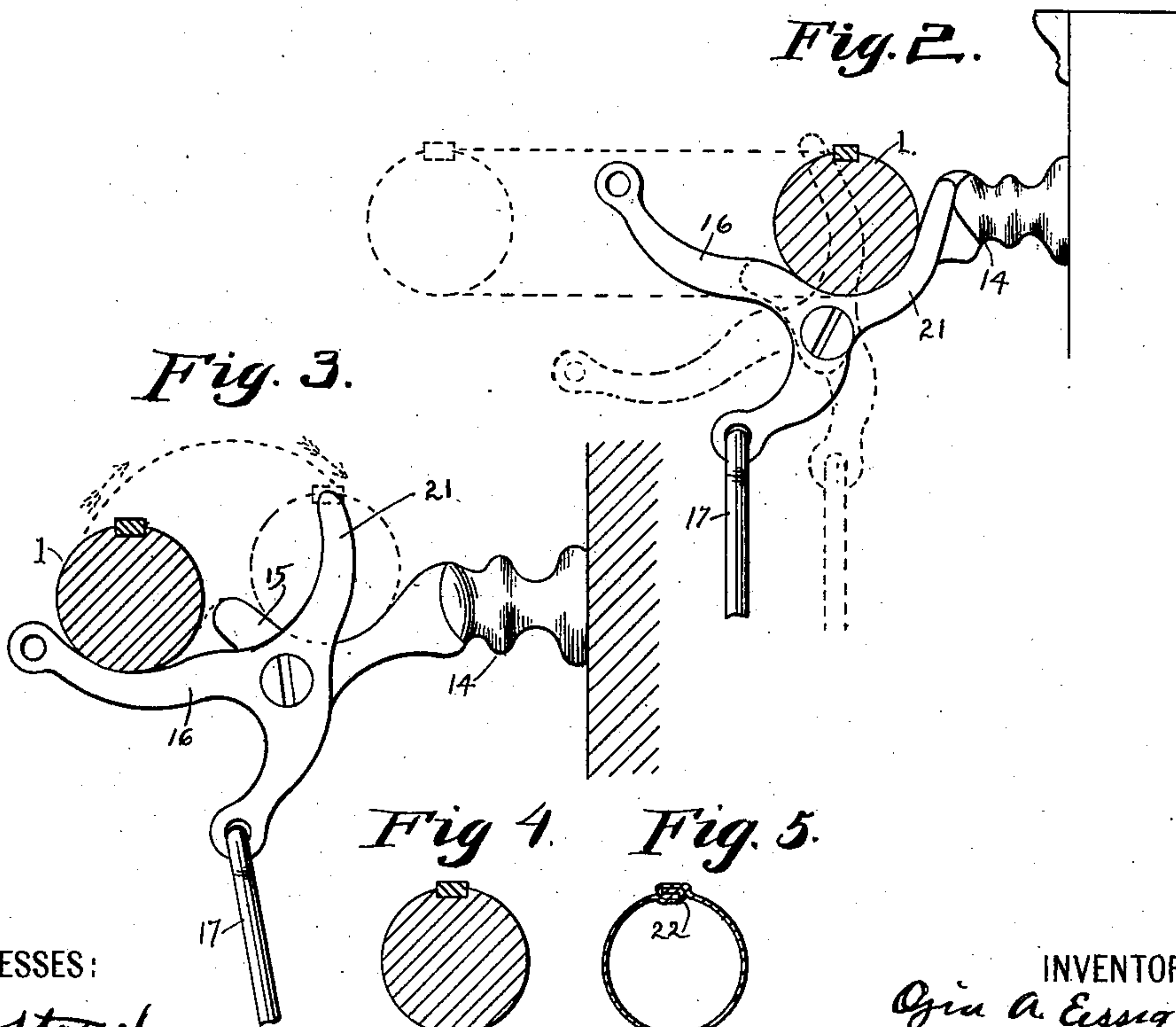
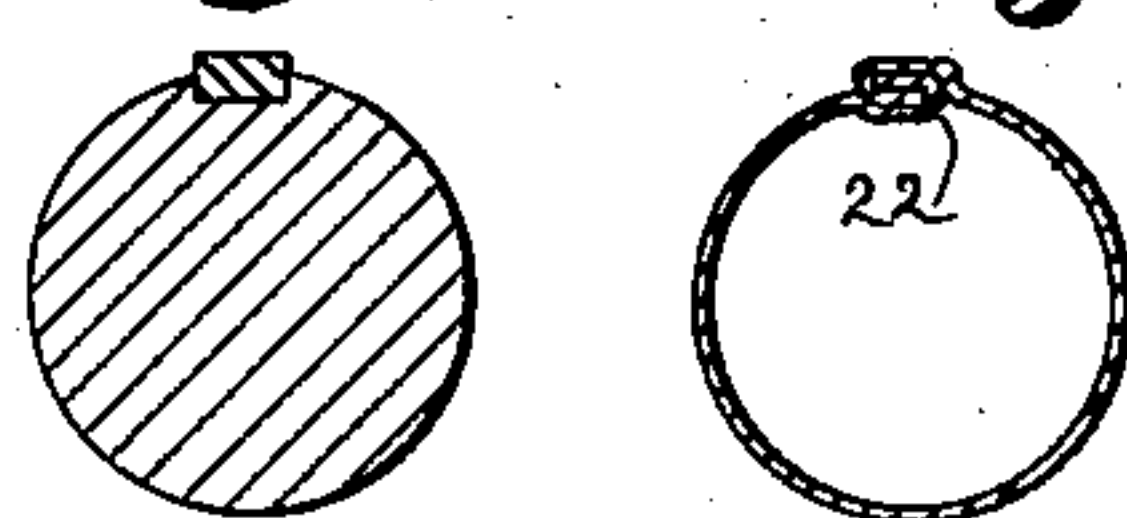


Fig. 4.

Fig. 5.



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2 SHEETS—SHEET 2.

Fig. 6

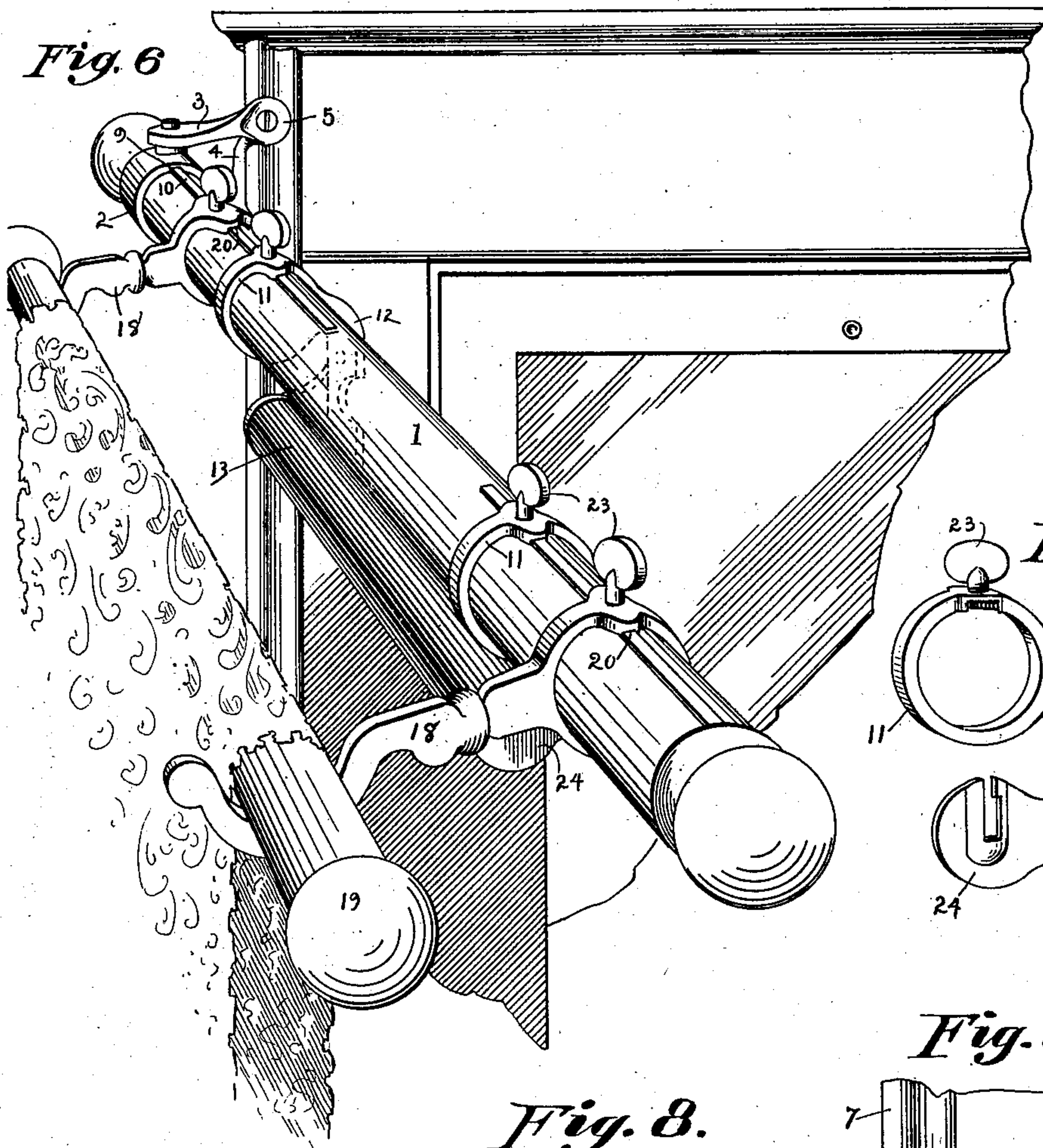


Fig. 7.

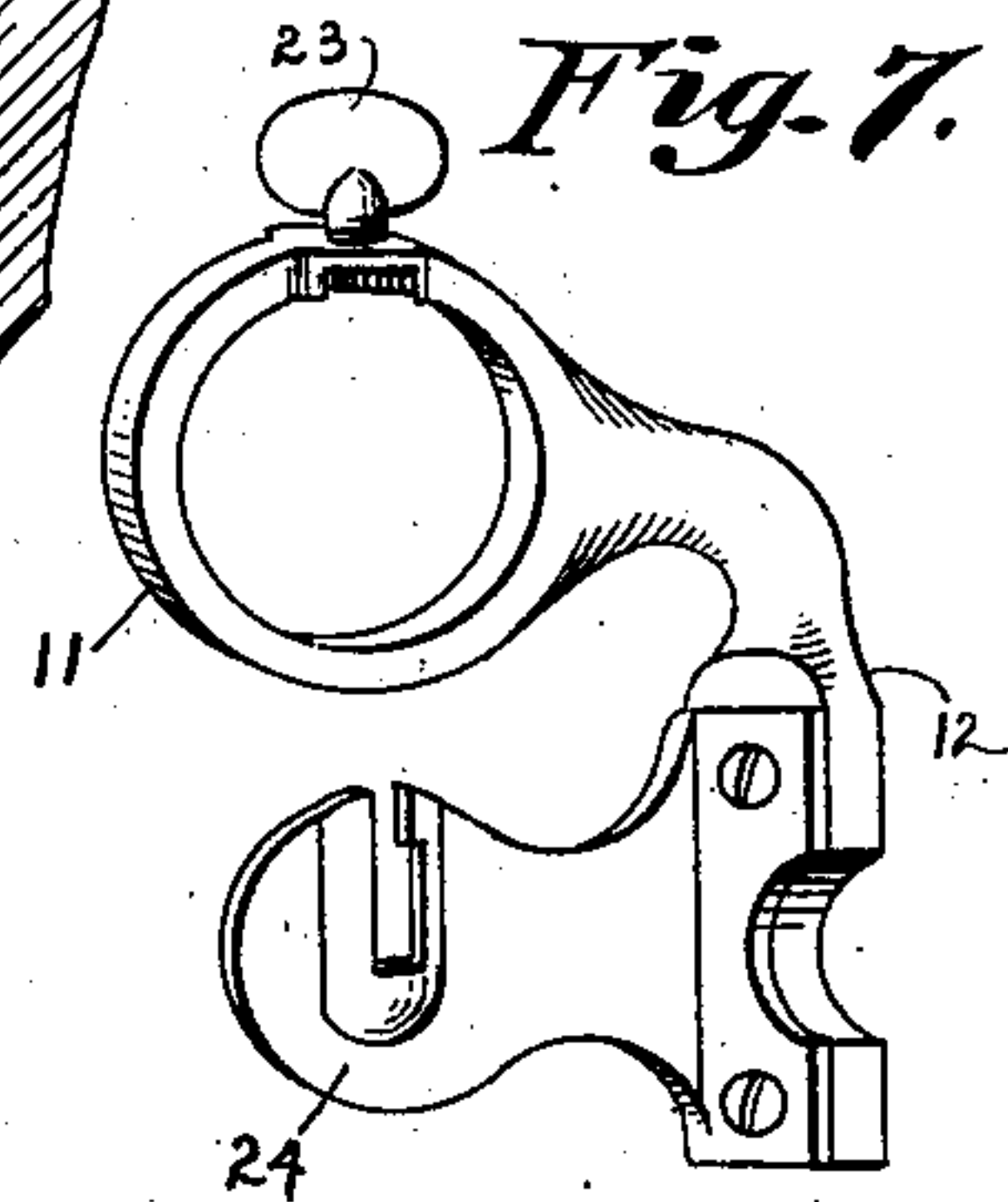


Fig. 9.

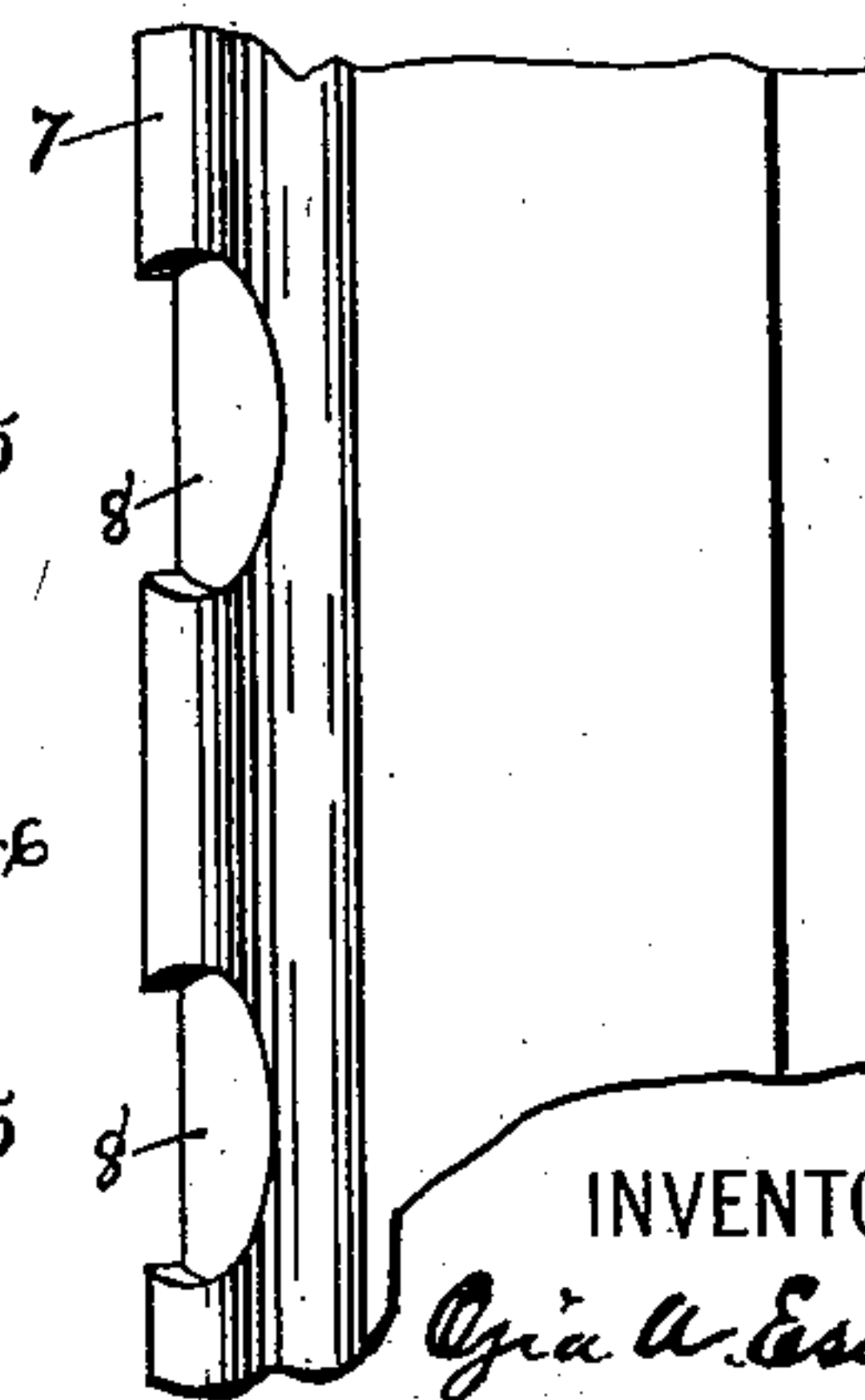
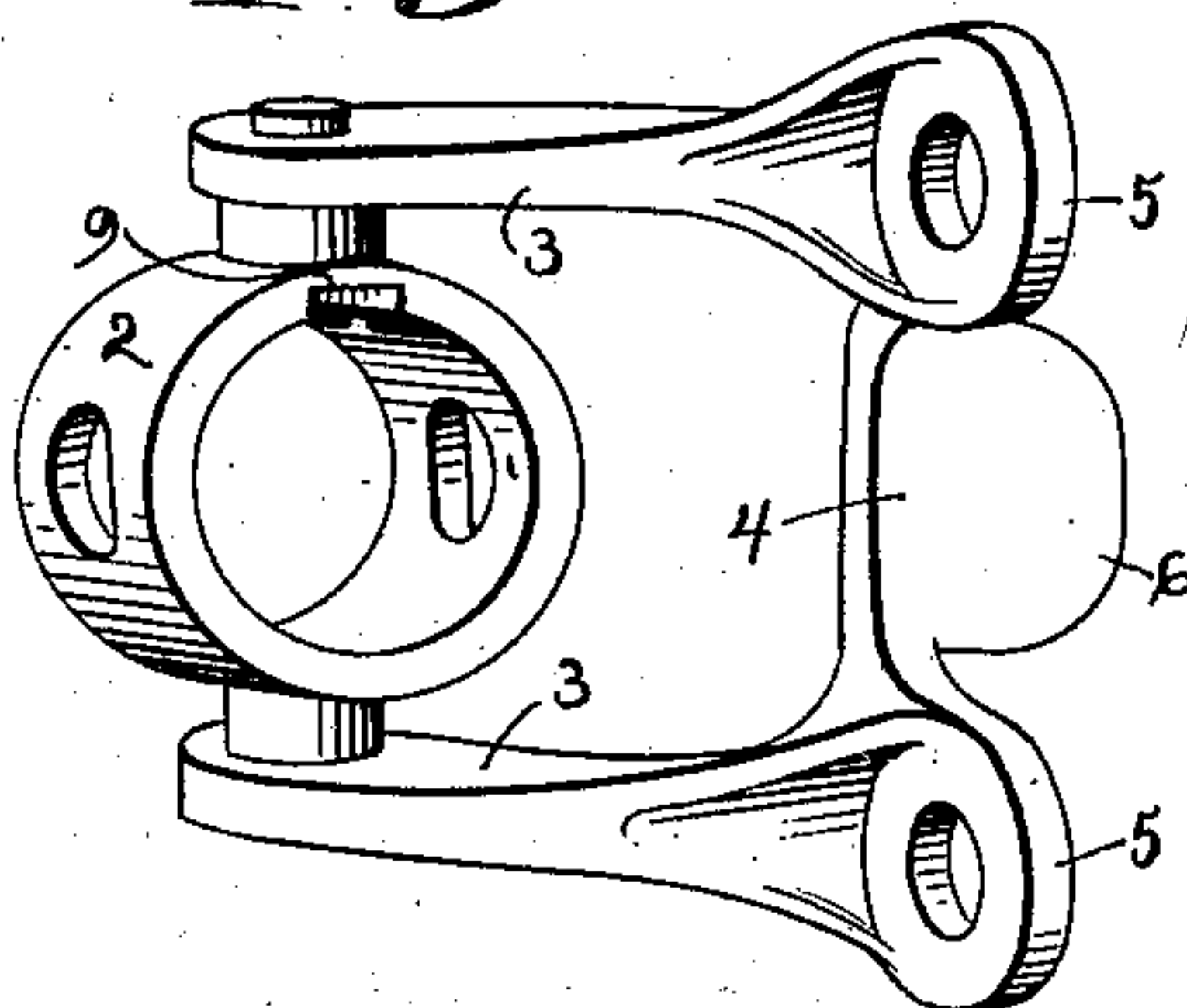


Fig. 8.



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OZIA A. ESSIG, OF CANTON, OHIO.

WINDOW-CURTAIN ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 754,554, dated March 15, 1904.

Application filed September 11, 1902. Serial No. 122,957. (No model.)

To all whom it may concern:

Be it known that I, OZIA A. ESSIG, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have
5 invented certain new and useful Improvements in Window-Curtain Attachments; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a side elevation showing the different parts in their normal position and illustrating the vertical center of the window
15 and the different parts broken away. Fig. 2 is a transverse section of the supporting-bar, showing the same in its normal position, also showing the fixed bracket-arm and the pivoted trip-dog. Fig. 3 is a similar view, except that
20 the curtain-supporting bar is shown detached from its supporting-bracket. Fig. 4 is a transverse section of a solid supporting-bar. Fig. 5 is a transverse section of a hollow supporting-bar. Fig. 6 is a perspective view showing a
25 portion of a window and illustrating the supporting-bar, together with its different parts, turned at an angle to the window. Fig. 7 is a detached perspective view of one of the shade-roller brackets. Fig. 8 is a detached view of
30 the supporting-bar swivel. Fig. 9 is a view showing a portion of a window-casing and illustrating the manner of setting the supporting-bar swivel-bracket to a window-casing having a molding or bead.

35 The present invention has relation to window-curtain attachments; and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claims.

40 Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, 1 represents the supporting-bar, which is held in
45 proper elevation by means of the swivel-ring 2, which swivel-ring supports or embraces the supporting-bar 1 and is properly journaled in the bracket-arms 3, which bracket-arms are connected together by means of the flanged
50 plate 4, which flanged plate is provided with the

flanges 5 and 6, said flanges being located substantially as illustrated in Fig. 8, the flanges 5 being so located that they can be seated upon the molding or casing regardless of the shape or form of the casing. The flanges 5 are circular in form and are so formed for the purpose of providing their seats with an auger or bit, by which arrangement no part of the casing is marred or injured. The seats can be formed regardless of the exterior surface of
60 the casing.

If in the event the casing is provided with a bead or molding, such as 7, illustrated in Fig. 9, the bead or molding is provided with the cut-out portions 8, which may be done by
65 any suitable tool, preferably an auger of a size corresponding substantially with the size of the flanges 5, and if in the event the flange 6 is employed it is located so that it will come against the face of the casing at an angle to
70 the flanges 5, by which arrangement the swivel-supporting bracket is securely and firmly held in proper position to support and hold the supporting-bar 1, together with the different
75 attachments connected thereto.

For the purpose of preventing the supporting-bar 1 from rotating or changing its proper position the swivel-ring 2 is provided with the groove 9, formed in the inner periphery of said swivel-ring, which groove receives the
80 feather or key 10, said feather or key being attached in a fixed manner to the supporting-bar 1.

It is obvious that the same result can be accomplished that is accomplished by the use of
85 the groove 9 and the feather or key 10 by a transposition of these parts, and hence I do not desire to be confined to the exact location of the groove and the feather or key.

To the supporting-bar 1 is fixedly attached
90 the shade-brackets 11, which shade-brackets are provided with the rearward-curved arms 12, which rearward-curved arms are located back and under the supporting-bar 1 and are so located for the purpose of bringing the
95 shade-roller 13 near to the window proper when the various parts carried by the supporting-bar 1 and the supporting-bar 1 are brought into their normal position, which is that illustrated in Fig. 1.

For the purpose of supporting and maintaining the free end of the supporting-bar 1 the bracket-arm 14 is provided, which bracket-arm is fixed to the window-casing upon the
5 opposite side of the window from that to which the swivel-bracket is attached.

The bracket-arm 14 is provided with the curved portion 15, the concave part thereof being upon the upper side of said arm and is
10 so located for the purpose of receiving the supporting-bar 1, as illustrated in Fig. 2 and as shown in dotted lines, Fig. 3.

To the curved arm 15 is pivotally attached the dog 16, to which dog is connected the top
15 or upper end of the rod 17, said rod being extended downward the proper distance to conveniently operate the dog 16.

To the supporting-bar 1 are attached the curtain-pole brackets 18, which are formed of
20 any desired length, reference being had to the distance the curtain-pole 19 is to be extended from the supporting-bar 1, and for the purpose of preventing the brackets 18 from turning upon the supporting-rod 1 their eye por-
25 tions are provided with grooves 20, into which are seated the feathers 10, or these parts may be oppositely located, if desired, without departing from the nature of my invention, in-
30 asmuch as the result would be the same in either event.

When it is desired to move the supporting-bar 1 from its normal position, the operating-rod 17 is moved or pulled downward, which
35 elevates the inner end or arm of the dog 16 and carries the supporting-bar 1 over the end of the curved portion 15 and the bracket 14, after which the supporting-bar 1 is free to be moved or turned, together with the different parts, being supported by the swivel-ring 2.

40 It will be understood that after the supporting-bar 1 has been removed, as indicated in dotted lines, Fig. 2, that the operating-rod 17 will fall or move downward, carrying with it the lower arm of the dog 16 until it reaches
45 its lowest point, as illustrated in dotted lines, Fig. 2, which is a point directly below the pivotal point of the dog 16. Upon a return of the supporting-bar 1 the operating-rod 17 is elevated after the supporting-bar 1 has
50 come over the extended portion of said dog and elevates said extended portion, elevating the supporting-bar 1 upward and over the end of the curved arm 15, said supporting-bar then coming on top of the arm 21 of the dog 16.

55 It will be understood that by my peculiar arrangement I am enabled to easily detach the free end of the supporting-bar 1 from its rest, after which said bar, together with all its different parts, is free to be moved at an angle
60 to the window and its casing.

The object and purpose of the present invention is to quickly and easily remove the window shade and curtain away from the
65 face of the window for any desired purpose, the present invention being particularly ap-

plicable to swinging windows, either horizontal or vertical, but is also convenient in removing the shade and curtains from the common vertical sliding window, inasmuch as it brings said parts out of the way when it is
70 desired to clean the glass of the window.

In Fig. 5 I have illustrated a supporting-bar, formed hollow and provided with a seam 22, which seam takes the place of the feathers.
75 10. By providing the supporting-bar 1 with a feather 10 or its equivalent and forming said feather of a length to correspond substantially with the length of the supporting-bar the various brackets having grooves corre-
80 sponding with the feather can be adjusted at any desired point, and at the same time all of the brackets and arms connected to said supporting-bar are held in proper relative position with reference to each other, thereby
85 bringing the curtain-pole brackets or arms and the shade-roller brackets in true alinement upon the supporting-bar, and at the same time preventing any liability of said part from being disarranged or liable to be moved out of
90 alinement. After the different arms and brackets have been properly adjusted or spaced from each other they are held against longitudinal movement by thumb-screws 23 or their equivalents.

For the purpose of assisting in holding the
95 various brackets connected to the supporting-bar 1 the eyes of said brackets may be and should be provided with thumb-screws 23, which thumb-screws assist in preventing the
100 various brackets from turning or moving upon the supporting-bar 1, as it will be understood that said brackets should not only be held against any rotary or turning movement upon
105 the supporting-bar 1, but should be held against any longitudinal movement upon said bar.

By providing the brackets 11 having the curved arms 12, by which the shade-roller 13 is carried by means of the recessed extensions 24, said brackets can be moved to or from
110 each other, thereby providing a quick and easy adjustment for any variation in the lengths of different shade-rollers 13.

Having fully described my invention, what I claim as new, and desire to secure by Letters
115 Patent, is—

1. In a window-curtain attachment, a fixed bracket provided with a swivel-ring, said ring provided with a groove upon its inner periphery, a supporting-bar provided with feathers,
120 shade-roller brackets secured to the supporting-bar in fixed relative position and curtain-pole brackets secured to the supporting-bar, substantially as and for the purpose specified.

2. In a window-curtain attachment, a casing,
125 and a bracket carrying a swivel-ring, a bracket located upon the opposite side of the casing from that to which the swivel-ring-carrying bracket is located, a dog pivoted to the bracket, and an operating-rod connected to said dog
130

and a supporting-bar, substantially as and for the purpose specified.

3. A supporting-bar carrying shade-roller brackets, said supporting-bar carried by a swivel-ring at one end, a casing, and a bracket fixed to the window-casing and located upon the opposite side of the window from the swivel-bracket, a dog pivoted to the bracket located under the free end of the supporting-bar, and said dog provided with arms or extensions adapted to lift the supporting-bar over the upper end of the curved portion of the bracket in either direction, substantially as and for the purpose specified.

4. In a window-curtain attachment a swinging supporting-bar carried by a fixed bracket, said bracket located at one side of the window-casing, the supporting-bar provided with a feather, shade-roller brackets adjustably attached to the supporting-bar, curtain-pole arms adjustably attached to the supporting-bar and grooves formed in the eyes of the brackets and arms adapted to receive the

feather formed upon the curtain-pole, and means for holding said brackets and arms against longitudinal movement upon the supporting-bar, substantially as and for the purpose specified.

5. In a window-curtain attachment, a fixed bracket provided with a swiveled-ring carrying a supporting-bar, said bracket provided with attaching flanges, two of said attaching flanges formed circular and located in the same plane and adapted to be seated or connected in or to the molding of the window-casing, and an intermediate flange located at an angle to the two circular flanges, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

OZIA A. ESSIG.

Witnesses:

J. A. JEFFERS,
F. W. BOND.