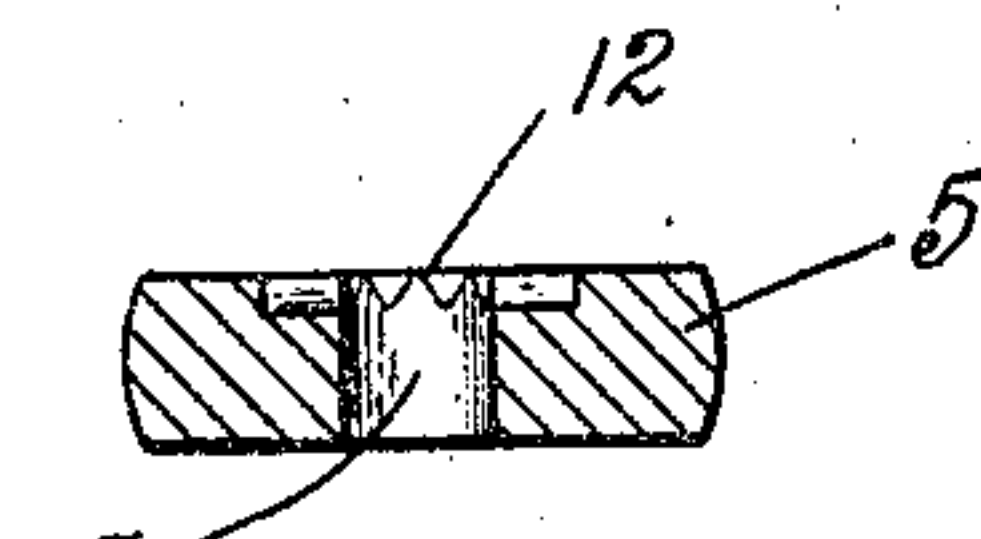
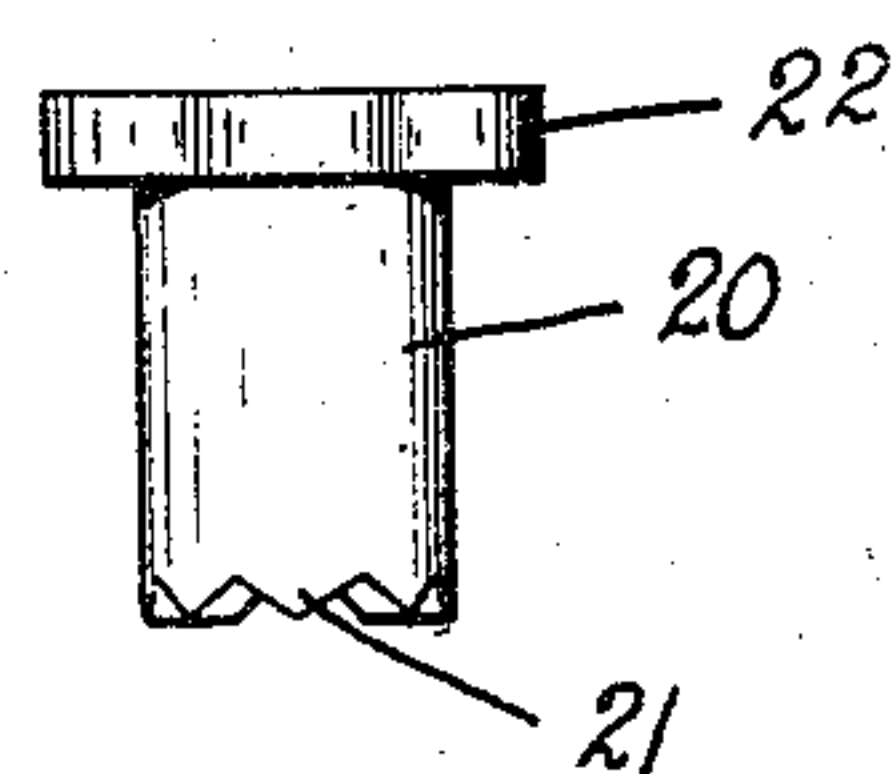
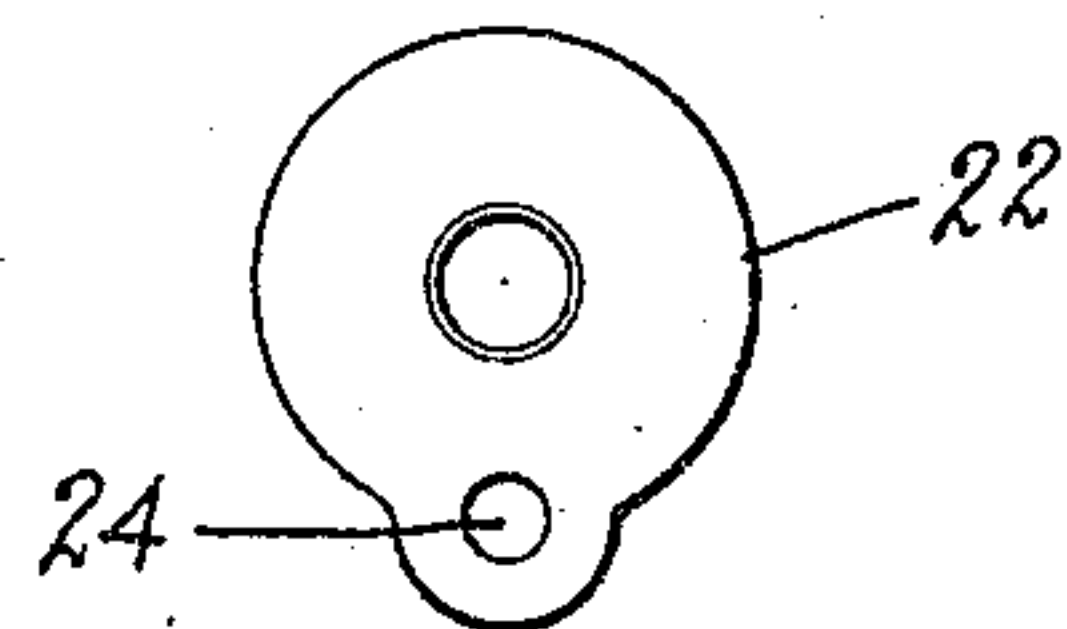
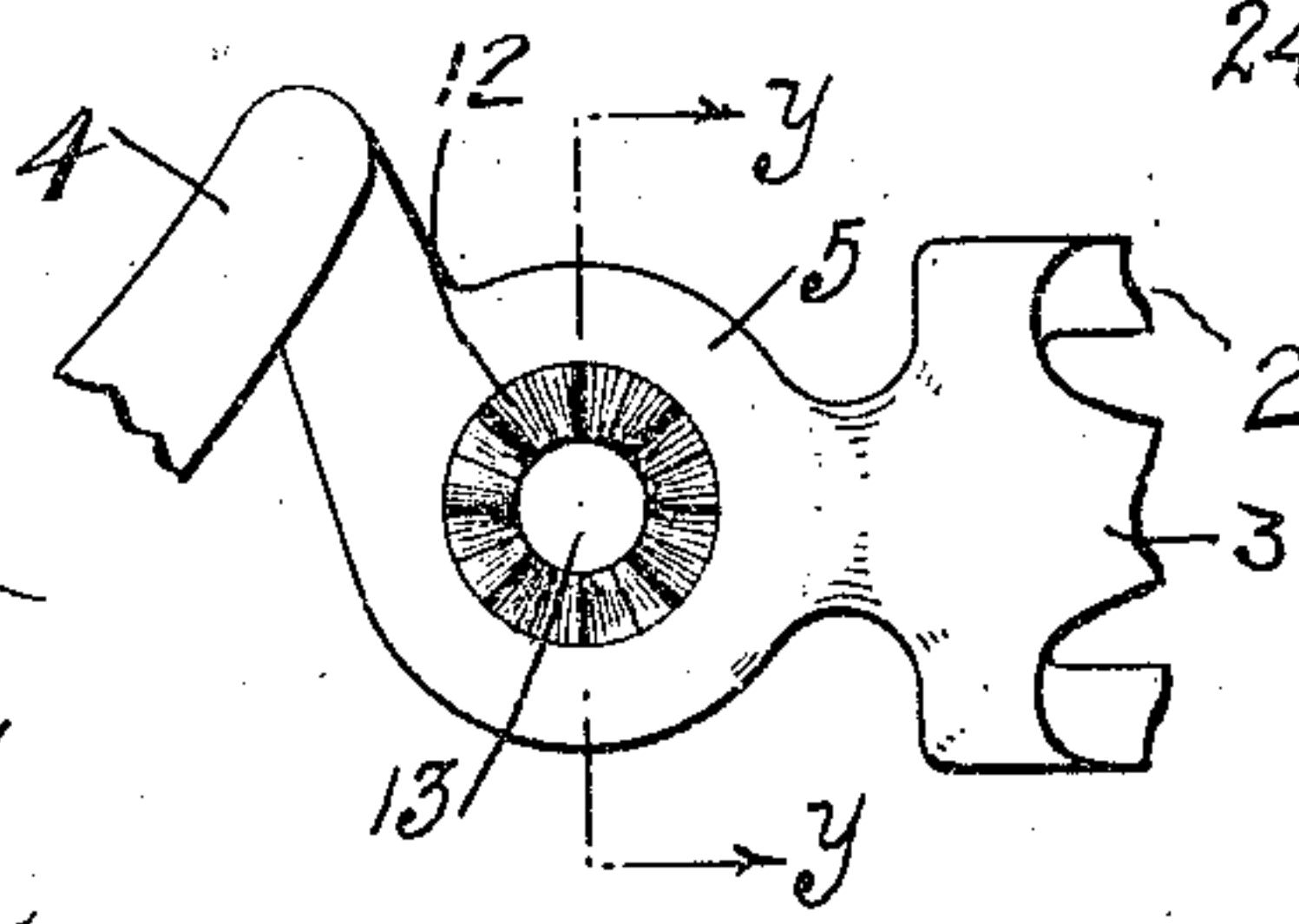
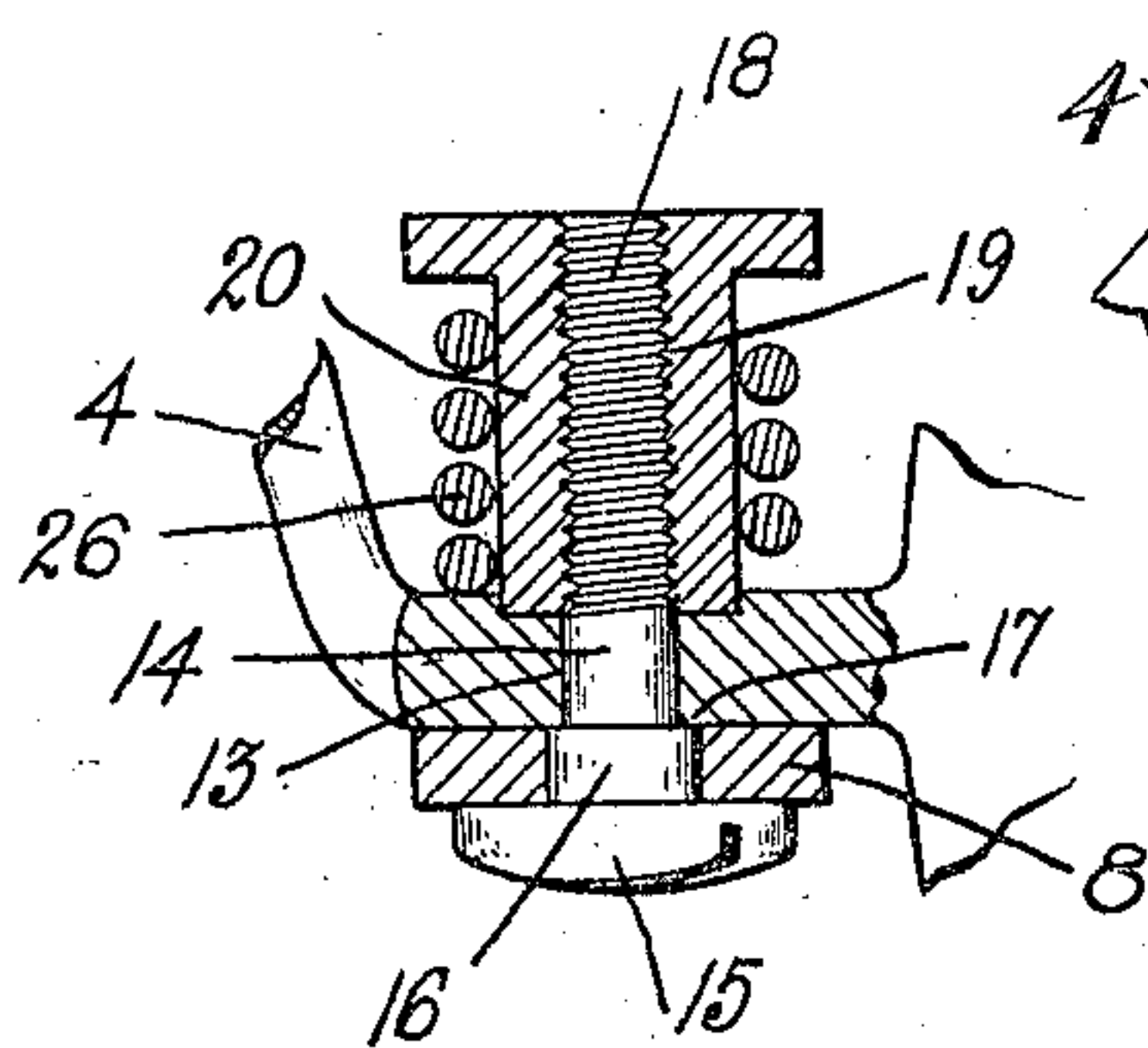
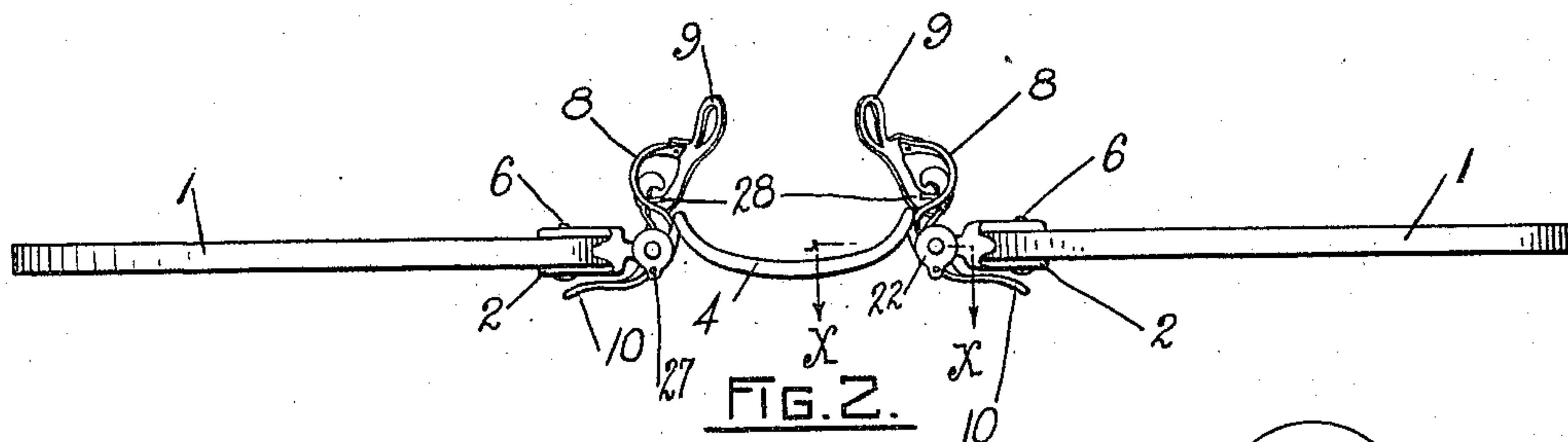
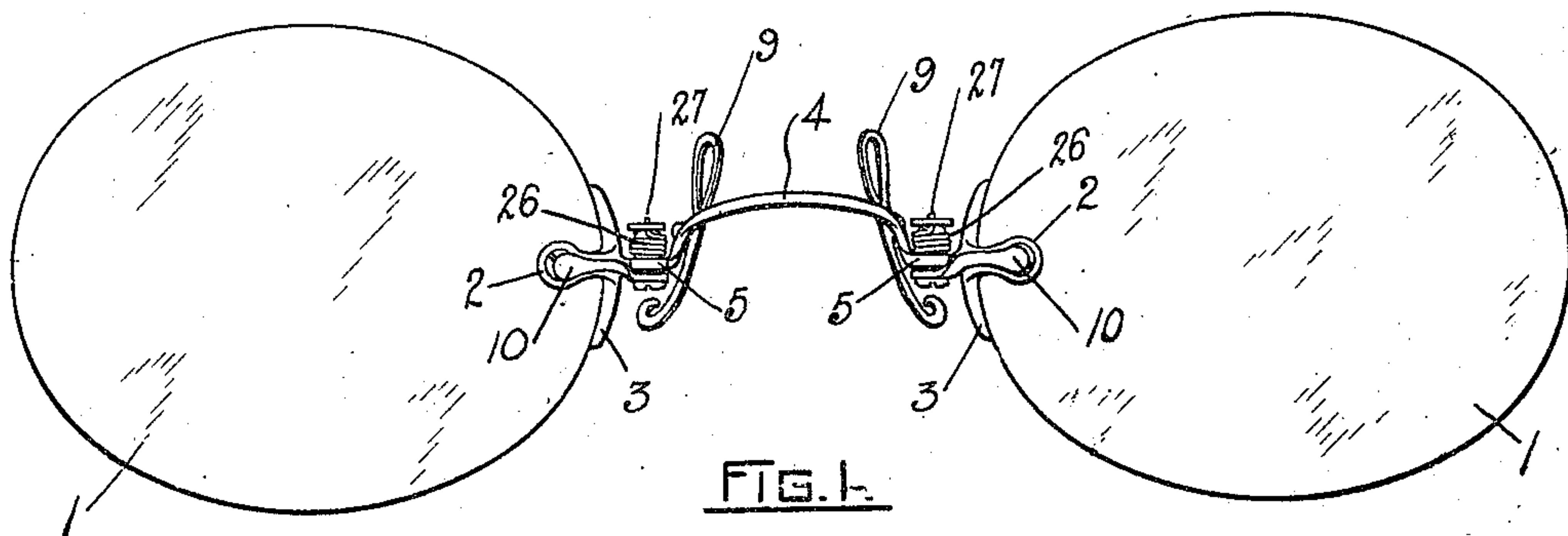


F. A. STEVENS.
EYEGGLASS MOUNTING.
APPLICATION FILED NOV. 26, 1909

956,220.

Patented Apr. 26, 1910.



WITNESSES.

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FREDERICK A. STEVENS, OF PROVIDENCE, RHODE ISLAND.

EYEGGLASS-MOUNTING.

956,220.

Specification of Letters Patent.

Patented Apr. 26, 1910.

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To all whom it may concern:

Be it known that I, FREDERICK A. STEVENS, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Eyeglass-Mountings, of which the following is a specification.

My invention relates to eyeglass mountings provided with swinging nose clamps, and is primarily purposed to secure a uniform and relatively equal degree of pressure of each clamp upon the nose; to insure a correct tension of the clamps both in originally assembling the mounting parts, and in subsequently adjusting the same to compensate for changes of condition resultant upon wear; and to attain these ends without a renewal or substantial reassemblage of parts.

To the above ends essentially the invention consists in the novel construction, arrangement, and combination of parts substantially as hereinafter described and claimed, and shown in the accompanying drawings wherein,

Figures 1 and 2 are front and plan elevations respectively of a pair of eyeglasses embodying the invention, Fig. 3, a section on *x x* of Fig. 2, Fig. 4, a plan view of the bracket, Figs. 5 and 6, plan and side elevations respectively of the barrel, and Fig. 7, a section on line *y y* of Fig. 4.

Like reference characters indicate like parts throughout the views.

In the construction illustrated the eyeglasses comprise the lenses 1 attaching lugs 2, edge lugs 3, and bridge 4. The end portions of the bridge are flattened to form brackets or supports 5 connected with the lugs 3. Screws 6 connect the mountings to the lenses. Operating levers 8 provided with the usual guards 9 and operating projections 10, constitute the nose clamps in this instance.

In carrying out the invention the supports 5 are each provided upon their upper faces with an annularly arranged series of projections, serrations, or ribs, 12 preferably inclined or V shaped surrounding a vertical opening 13. Loosely mounted in each opening 13 is a pivot member 14 provided upon its lower end with a head 15, and having adjacent the head an enlarged bearing portion 16 upon which is loosely journaled the operating arm, 8, and which forms a shoulder 17 which bears against the lower face

of the portion 5 to prevent binding of the arm portions. The upper end of the pivot member which projects above the support 5 is provided with a screw thread 18 which engages a screw thread 19 upon the interior of a barrel 20. The barrel is provided at its lower end with projections or serrations 21, preferably inclined or V shaped, and upon its top with a lateral annular flange or extension 22 provided with an opening 24. Around each barrel is a spiral operating spring 26, one of whose ends 27 enters and is retained in the opening 24, and whose other end 28 engages the arm 8.

The nose clamps are operated in the usual well known manner by the compression or release of the finger projections 10 in conjunction with the tension of the springs 26 upon the arm portions 8. The projections 21 of the barrel register between the projections 12 of the mounting which normally prevents any rotation of the barrel 20 upon the threaded portion of the screw. The inclined shape of the projections facilitates the adjusting of the parts. If and when it is desired to change the degree of pressure of a spring upon an arm the screw 15 is turned until it descends a distance equal to the depth of the projections 12 or 21, and is then manually elevated to lift the barrel out of engagement with the mounting. The barrel is then turned to tighten or contract the coils of the spring 26 the desired degree, and there held, while the screw 13 is being turned to again bring the teeth of the barrel into engagement with the projections 12, and bring the head 15 into a position to support the arm portion 8 of the nose clamp.

What I claim is,—

1. In an eyeglass mounting, the combination with a support and a swinging nose clamp, of a pivot member journaled in the support about which the clamp is mounted to swing, a spring surrounding the pivot member and exerting pressure upon the clamp, and means for contracting the spring.

2. In an eyeglass mounting, the combination of a support, a nose clamp, a pivot member about which the nose clamp is mounted to swing, a spring surrounding the pivot member and exerting pressure upon the clamp, and means upon the pivot member coöperating with the support for regulating the pressure of the spring.

3. In an eyeglass mounting, the combina-

tion with a support and a nose clamp, of a pivot member loosely connecting the support and the clamp, a spring around the pivot member and engaging the clamp, and
5 rotatably adjustable means upon the pivot member for engaging a portion of the spring.

4. In an eyeglass mounting, the combination with a support and a swinging nose
10 clamp, of a pivot member journaled in the support and upon which the clamp is mounted to swing, a rotatably adjustable barrel upon the pivot member, and a spring
15 surrounding the barrel having one end secured to the barrel and its other end engaging the clamp.

5. In an eyeglass mounting, the combination with a support and a swinging nose
20 clamp, of a pivot member journaled in the support and upon which the clamp is mounted to swing, a rotatably adjustable barrel upon the pivot member, a spring
25 upon the barrel engaging the clamp, and means upon the support for maintaining the barrel in adjusted position.

6. In an eyeglass mounting, the combination of a support provided with projections, a nose clamp, a pivot member loosely connecting the support and the clamp, a barrel
30 rotatably movable upon the pivot member and provided with means for engaging the projections, and a spring upon the barrel and engaging the clamp.

7. In an eyeglass mounting, the combination of a support provided with projections, a nose clamp, a pivot member connecting the support and the clamp, a barrel rotatably movable upon the pivot member and
35 provided with projections adapted to engage the projections of the support, and a
40 spring upon the barrel and engaging the clamp.

8. In an eyeglass mounting, the combination of a support provided with inclined
45 projections, a swinging nose clamp, a pivot member journaled in the support and about which the clamp is mounted to swing, a barrel rotatably adjustable upon the pivot member provided with inclined projections
50 adapted to normally register between the projections of the support, and a spring upon the barrel and engaging the clamp.

9. In an eyeglass mounting, the combination with a support provided with projec-
55 tions, a swinging nose clamp, a pivot member journaled in the support and upon

which the nose clamp is mounted, said pivot member being provided with a screw thread, a barrel provided with screw threads loosely engaging the thread of the pivot member
60 and provided with projections registering in the projections of the support, and a spring upon the barrel engaging the clamp.

10. In an eyeglass mounting, the combination of a support provided with an open-
65 ing and with a series of projections around the opening, of a pivot member loosely mounted intermediate its length in the opening and provided with a screw thread upon
70 the end adjacent the projections, and provided with a shoulder near its opposite end adapted to engage the face of the support, a head upon the end of the pivot member
75 near the shoulder, a nose clamp upon the pivot member intermediate the shoulder and the head, an internally threaded barrel engaging the threaded portion of the pivot member and provided with projections
80 adapted to engage the projections of the support, and a spring upon the barrel in contact with the clamp.

11. In an eyeglass mounting, the combination with a support and a swinging nose
clamp, of a pivot member journaled in the support and upon which the clamp is
85 mounted to swing, a rotatably adjustable barrel upon the pivot member provided with a laterally extending upper portion, a spring surrounding the barrel having one end attached to the extending portion of
90 the barrel, and its other end in contact with the clamp.

12. In an eyeglass mounting, the combination with a support provided with pro-
95 jections, of a pivot member journaled in the support provided with a screw thread upon one end, a head upon the other end of the pivot, bearing means intermediate the head and support for interspacing the head from
100 the support, a nose clamp pivotally mounted upon the bearing means, a barrel rotatably adjustable upon the threaded end of the pivot member provided with means for engaging the projections of the support, and
105 a spring attached to the barrel and engaging the arm.

In testimony whereof I have affixed my signature in presence of two witnesses.

FREDERICK A. STEVENS.

Witnesses:

HORATIO E. BELLOWS,
WALTER LOUIS FROST.