

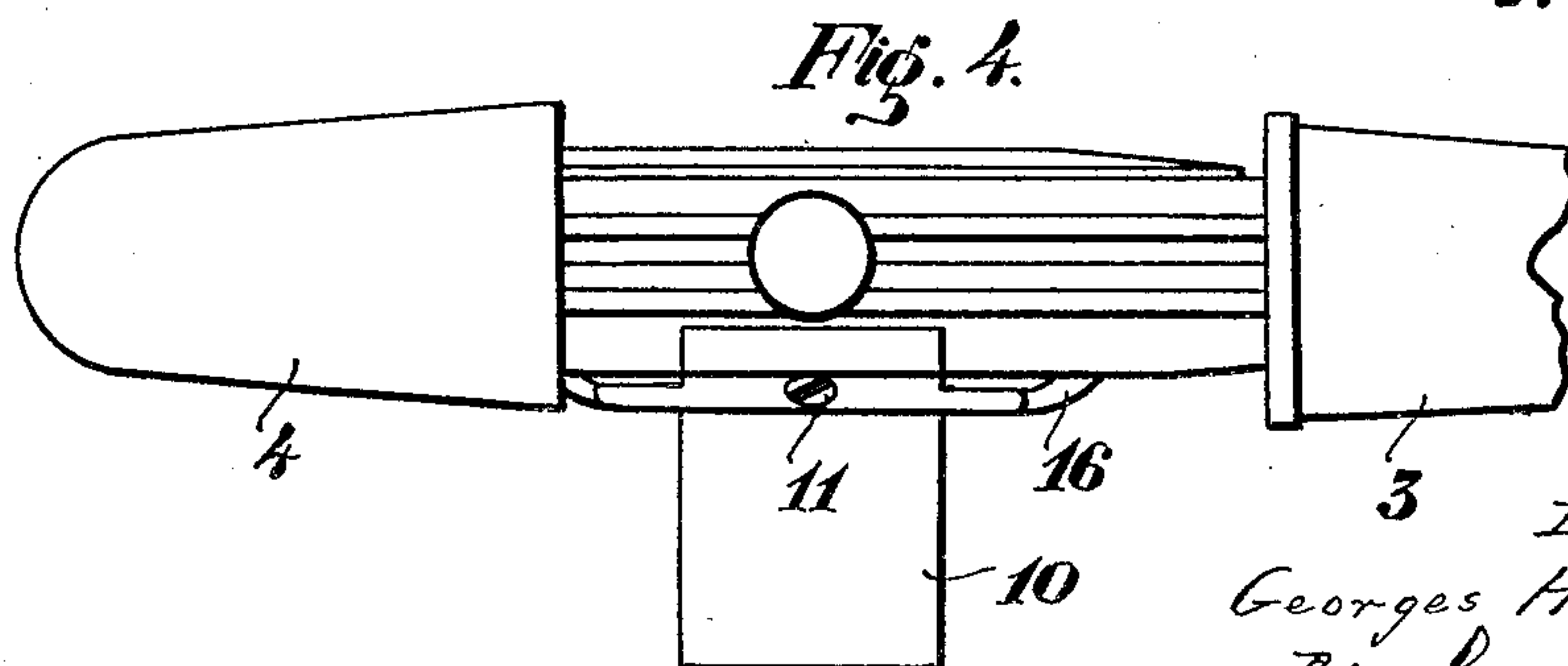
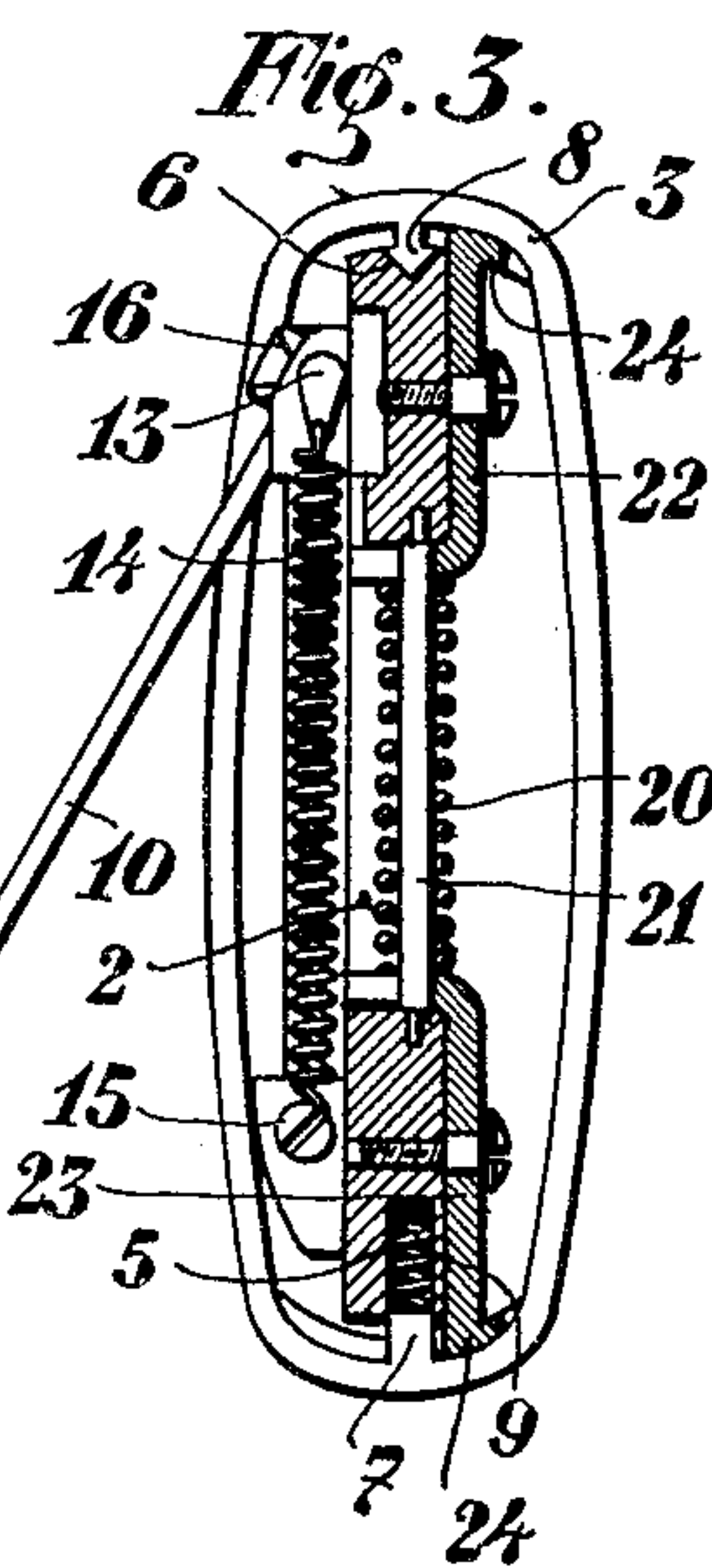
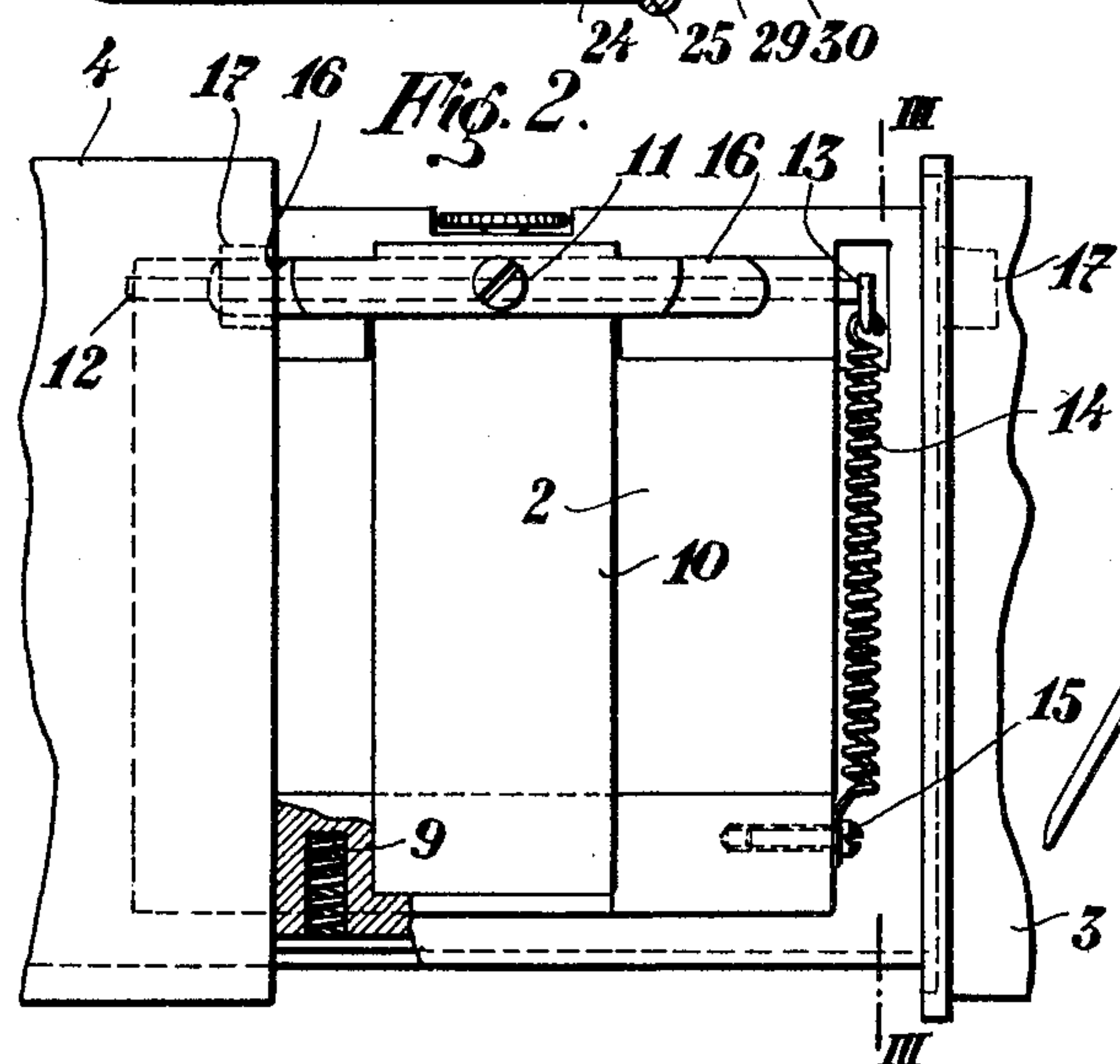
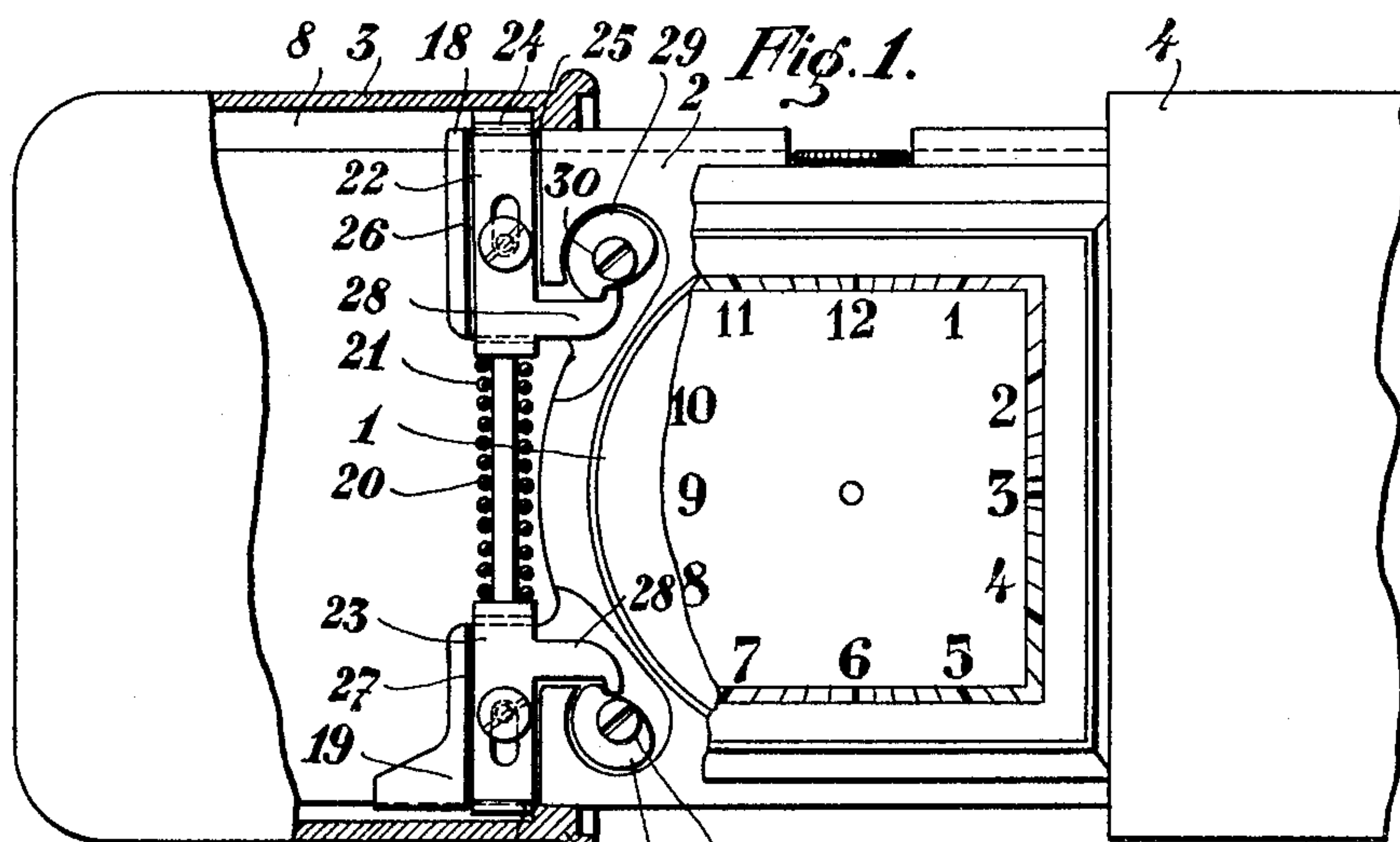
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G. HUGUENIN

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WATCHCASE

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# UNITED STATES PATENT OFFICE

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## WATCHCASE

Application filed December 3, 1930, Serial No. 499,825, and in Switzerland April 8, 1930.

This invention relates to a two-part fancy watch casing.

One object of the invention is a particular arrangement of the sliding means of the two halves of the casing the sliding of the parts being controlled by means of spring-controlled brake shoes adapted to regulate and to limit the movement of the sliding parts.

Another object are means for facilitating the taking apart of the casing and a further object is an easel as a support of the casing when it is set up on a table with the watch disclosed.

In the drawing:

Figure 1 is a front view, partly in section, of the two part casing opened.

Figure 2 is a back view, partly in section, showing the easel.

Figure 3 is a cross-section according to line III—III of Figure 2.

Fig. 4 is a general top view.

The watch-movement 1 is mounted in a rectangular frame 2 on which the two halves 3 and 4 of the case can slide, by means of two grooves 5 and 6 and their corresponding ridges 7 and 8 on the inside of the halves. The upper groove 6 and ridge 8 are V-shaped. On the opposite side springs 9 are introduced between the bottom of groove 5 and ridge 7 and have the tendency to press the frame 2 with its groove 6 against ridge 8 of the casing. Thus a perfect holding of the movement and a smooth sliding of the two halves 3 and 4 on the frame 2 are obtained.

Frame 2 has an easel 10 hinged to its back side by means of a pin 12. The easel comprises a metal sheet fixed to pin 12 by means of a screw 11. An arm 13 fast to said pin is hooked to a tension spring 14 attached to a screw head 15 on the frame. In the position represented the easel is in its spread out position while arm 13 is nearly in line with the helical spring 14. A reinforcement bar 16 having sloping ends is fast to the back side of the upper border of the easel and bosses 17 are provided in the path of this bar and inside of the walls of the two halves of the casing. Owing to this arrangement the two halves of the casing when this latter is closed will glide over the sloping ends of the

bar 16 and force thereby the easel to lie flat against the back side of the frame and since by this movement of the easel arm 13 has been swung into a sideway position the easel will when the casing is opened again be swung automatically, that is by the spring 14, into its spread out position.

Frame 2 is formed with two extensions 18 and 19 connected by a guide rod 21 having a compression spring 20 slipped over the same and two brake-members 22, 23 slidably held within grooves 26, 27 on said extensions by means of screws engaged in slots engage with their bent forked ends said guide rod 21 so that the spring 20 by bearing on said forked ends presses the shoes 24 provided at the ends of said brake members against the walls of the casing in order to prevent any loose movement of the sliding parts and to limit the sliding movements of the parts. This latter object is obtained by means of shoulders 25 provided at the end of the ridges 7 and 8 and acting as stops for the shoes 24 of the brake-members.

With a view of facilitating the taking apart of the casing the brake-members are formed with lateral noses 28 engaged on the circumference of eccentric disks rotatably mounted on the frame 2 and provided with slotted heads 30. If it is desired to dismount the casing said eccentric disks may be turned by means of a screw driver and the brake members may be withdrawn from their contact with the casing walls against the effect of spring 20 whereupon the two halves of the casing may be separated completely from the frame 2.

What I claim is:

1. A two-part fancy casing for watches and comprising two casing-halves each provided on their inside with a pair of guiding ridges having stops at their outer ends, a grooved rectangular frame fitted slidably between said guiding ridges, extensions integral with said frame and a guide rod connecting said extensions, brake members mounted slidably on said extensions so as to extend into the path controlled by said stops and provided with bent forked ends slidable on said guide rod and a compression spring slipped over



said guide rod and bearing on the forked ends of the brake members.

2. A two-part fancy casing for watches and comprising two casing-halves each provided  
5 on their inside with a pair of guiding ridges having stops at their outer ends, a grooved rectangular frame fitted slidably between said guiding ridges, extensions integral with said frame, and a guide rod connecting said ex-  
10 tensions, brake-members mounted slidably on said extensions so as to extend into the path controlled by said stops and provided with bent forked ends slidable on said guide rod, and a compression spring slipped over  
15 said guide rod and bearing on the forked ends of the brake-members, sideways projecting noses on the brake-members, eccentric disks arranged on the frame so as to be visible in the opened casing and engaged by said noses,  
20 and means for operating said eccentric disks for the purpose of withdrawing the brake-members from the path of the stops when the dismounting of the casing is required.

3. A two-part fancy casing for watches  
25 and comprising two casing-halves each provided on their inside with a pair of guiding ridges having stops at their outer ends, a grooved rectangular frame fitted slidably between said guiding ridges, an easel  
30 hinged to the back side of said frame, an arm fast to the hinge pin of said easel and a tension spring extended between said arm and the frame so as to keep the easel spread out, a reinforcement bar having sloping ends  
35 and provided on the back side of the easel near the hinge and bosses projecting from the inside of the casing in the path of said bar.

In testimony whereof I affix my signature.  
40 GEORGES HUGUENIN.

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