

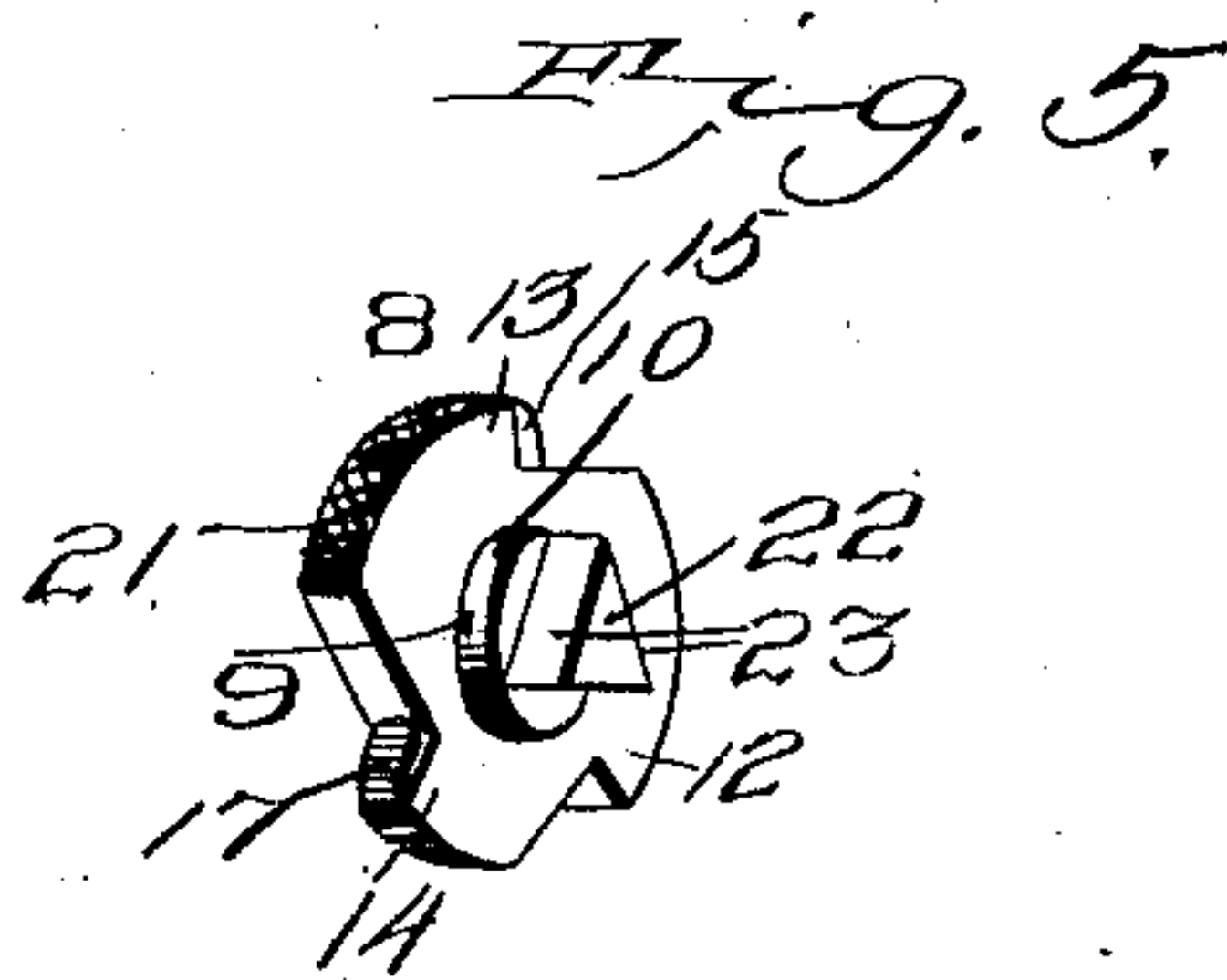
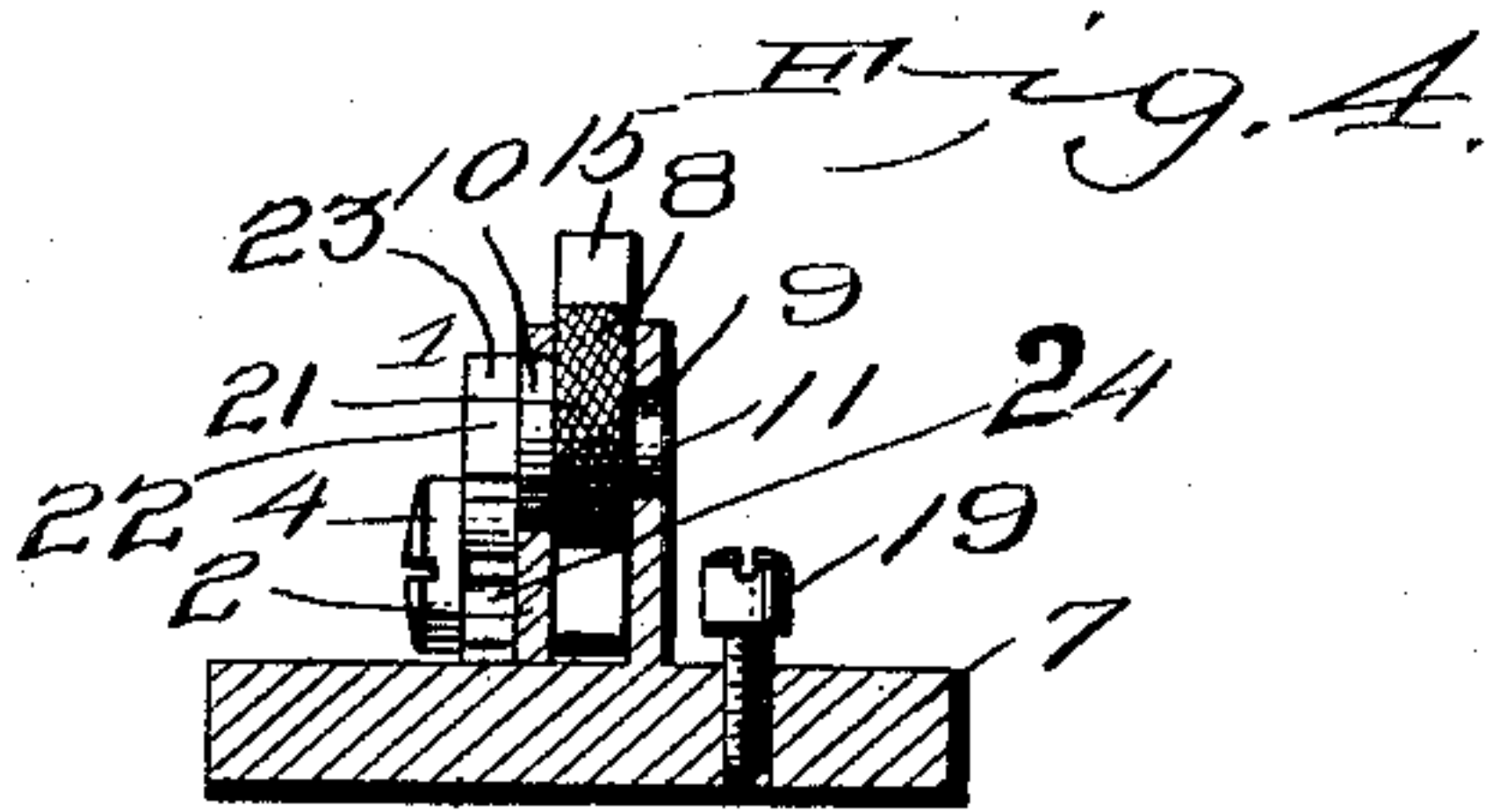
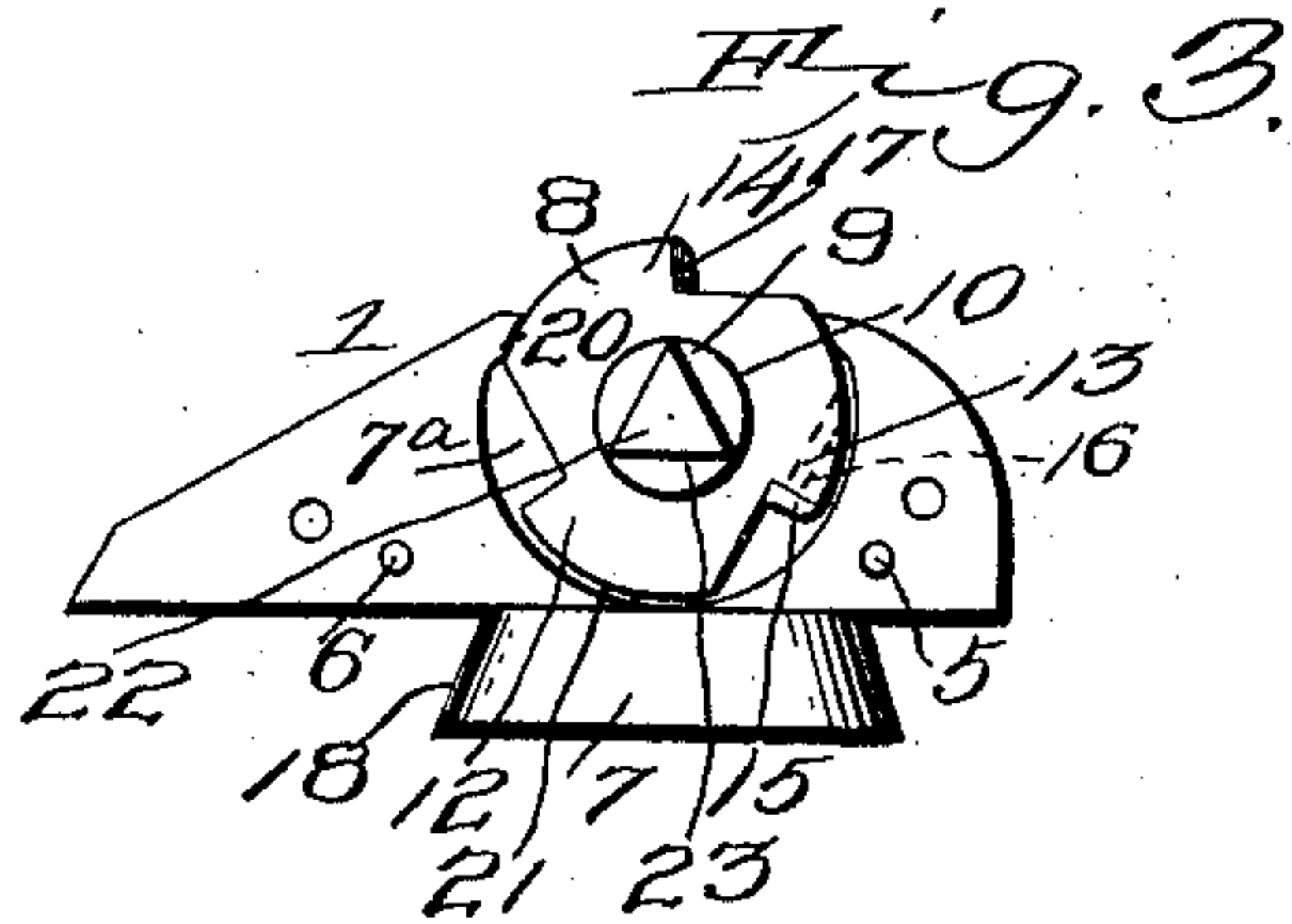
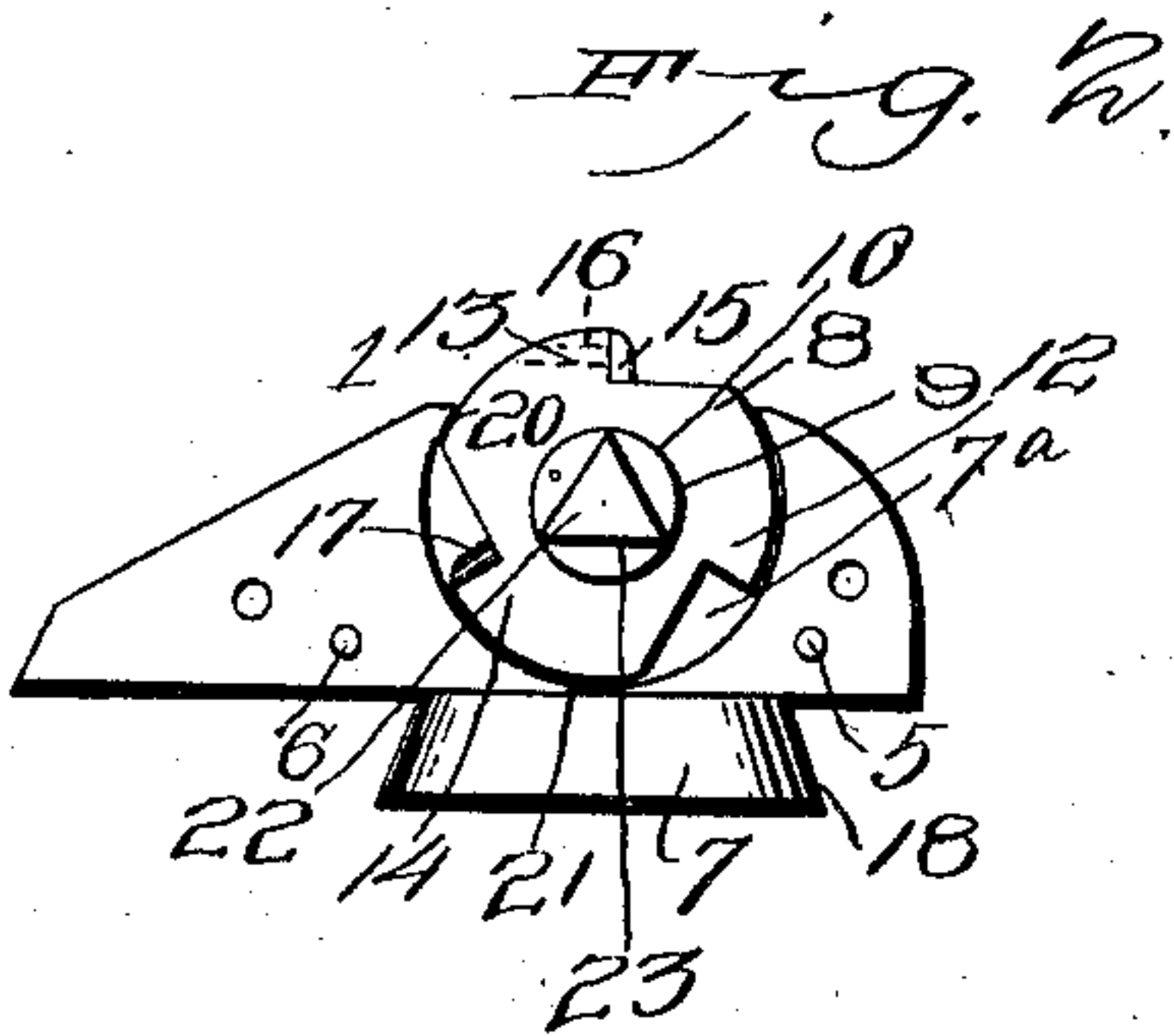
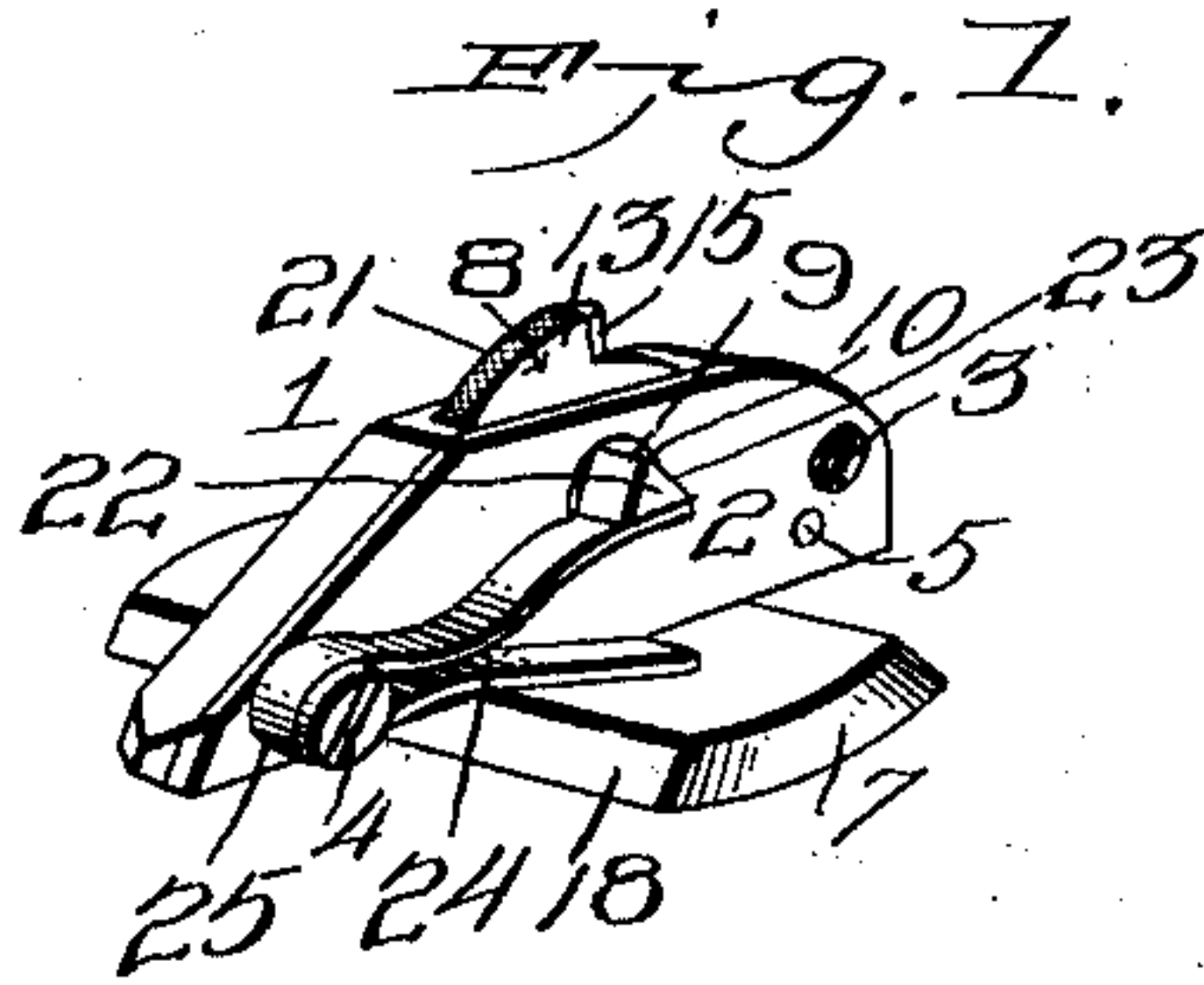
No. 711,507.

Patented Oct. 21, 1902.

P. JUNOD.  
GUN SIGHT.

(Application filed May 15, 1902.)

(No Model.)



Witnesses  
*E. J. Stewart*  
*J. F. Riley*

by *P. Junod,* Inventor.  
*C. A. Snow & Co.*  
Attorneys.



# UNITED STATES PATENT OFFICE.

PAUL JUNOD, OF CELINA, OHIO, ASSIGNOR OF ONE-HALF TO WILLIAM H. BRETZ, OF CELINA, OHIO.

## GUN-SIGHT.

SPECIFICATION forming part of Letters Patent No. 711,507, dated October 21, 1902.

Application filed May 15, 1902. Serial No. 107,465. (No model.)

*To all whom it may concern:*

Be it known that I, PAUL JUNOD, a citizen of the United States, residing at Celina, in the county of Mercer and State of Ohio, have invented a new and useful Gun-Sight, of which the following is a specification.

The invention relates to an improvement in gun-sights.

The object of the present invention is to improve the construction of gun-sights and to provide a simple, inexpensive, and efficient gun-sight adapted to be readily mounted on a gun-barrel in the ordinary manner and provided with a plurality of sights designed for use in clear and dark weather and adapted to be readily brought into position for use and capable of being used without requiring an adjustment of the gun-sight.

A further object of the invention is to provide a gun-sight having a rotary sight element mounted in a casing and to arrange the sight element so that the casing will be closed to exclude dust and other accumulation when any one of the sights is exposed.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a gun-sight constructed in accordance with this invention. Fig. 2 is a side elevation of the same, the removable side plate of the casing being detached. Fig. 3 is a similar view showing the rotary sight element in a different position. Fig. 4 is a transverse sectional view. Fig. 5 is a detail perspective view of the rotary sight element.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a casing composed of a body portion and a removable side plate 2, detachably secured to the body portion of the casing by screws 3 and 4 and supported by studs or pins 5 and 6, rigidly mounted on the body portion of the casing and fitting in perforations of the removable side plate 2. The casing, which is provided with an integral base-plate 7, has a circular or approximately circular recess 7<sup>a</sup> at its inner face for the reception of

a rotary sight element 8, consisting of a disk and mounted on a pin 9, extending through a central perforation of the disk and provided with a head 10. The head 10 and the other end 11 of the pin are journaled in circular bearing-openings of the removable side plate 2 and the body portion of the casing, whereby the sight element is adapted to be rotated to bring different portions of it at the top to expose them at the top of the casing. The rotary sight element is provided at intervals with recesses forming shoulders 12, 13, and 14, adapted, as illustrated in Figs. 1, 2, and 3, to project through the opening at the top of the casing to form a sight. The sight element is provided at the shoulder 13 with a sight-piece 15, of white bone or other suitable material, to form a bright sight for use in dark weather. The bone sight-piece 15 is provided with a shank 16, which is arranged in a bore or opening of the projecting portion of the sight element. The sight element is provided at the shoulder 14 with a sight-piece 17, of copper, which forms a bright light sight, adapted for use in dark weather. The copper sight-piece may be secured to the rotary sight element in any suitable manner; but it is preferably provided with a shank similar to the bone sight-piece. The base-plate 7, which has beveled edges 18, is adapted to be secured in a dovetailed groove of a gun-barrel in the usual manner, and it is secured, when properly adjusted, by means of a clamping-screw 19, mounted in a threaded perforation of the base-plate and adapted to engage the bottom of the groove of the gun-barrel. After the gun-sight has been once properly adjusted it does not require any further adjustment, and any one of the sights of the rotary sight element may be readily brought into position for use without adjusting the gun-sight. This will be found especially advantageous, as the eye frequently tires of one sight and will be relieved by the use of another sight, and light and dark sights may be provided for use in different kinds of weather. The top of the casing is closed when a sight is in position for use by the solid intermediate portions 20 of the sight element, which portions are arranged at the front and rear of the approximately circular or segmental recess,



as clearly shown in Figs. 2 and 3. This construction conceals the sights which are not in use, and also excludes dust and other accumulation from the interior of the casing.

- 5 The rotary sight element is provided between the recesses with milled or checkered edges 21 to enable the said sight element to be readily rotated by the finger or thumb. The pin upon which the rotary sight element  
10 is mounted is provided with an angular or polygonal extension 22, having a series of faces 23 corresponding in number to the sights of the sight elements and adapted to be engaged by a spring 24, whereby the sight  
15 element is held securely in any of its adjustments. The spring is composed of two sides and is provided with an eye 25, arranged on a smooth portion of the screw 4, whereby the spring is secured to the casing.
- 20 It will be seen that the gun-sight is exceedingly simple and inexpensive in construction, that it is strong and durable, and that it is adapted to be readily applied to a gun-barrel. It will also be clear that the gun-sight  
25 is provided with a plurality of sights and is capable of being readily operated to bring any one of the sights in position for use without necessitating any readjustment of the gun-sight.

30 What I claim is—

1. A gun-sight comprising a casing provided with an approximately segmental recess open at the top, a rotary sight element consisting of a disk provided at intervals with  
35 peripheral recesses forming sight portions and adapted to be rotated to extend any one of the sight portions through the opening of the recess, the solid portions between the peripheral recesses being arranged to close the  
40 top of the casing when any one of the sight portions is in position for use, and means for holding the rotary sight element against accidental movement, substantially as described.

45 2. A gun-sight comprising a casing pro-

vided at the top with an opening, a rotary sight element mounted within the casing and provided with a plurality of sights arranged to project through the open top of the casing, the intermediate portions of the sight  
50 element between the sights being arranged to close the top of the casing, and means for holding the rotary sight element in its adjusted position, substantially as described.

3. A gun-sight comprising a casing provided at the top with an opening, a rotary  
55 sight element consisting of a disk mounted within the casing and provided with peripheral recesses forming a series of projecting peripheral portions, said sight element being  
60 provided at the projecting peripheral portions with sights and being capable of rotation to expose any one of the sights through the open top of the casing, the solid intermediate portions of the disk between the re-  
65 cesses being arranged to fill the opening of the casing to close the top of the same, and means for holding the sight element in its adjusted position, substantially as described.

4. A gun-sight comprising a casing com-  
70 posed of a body portion provided with a recess and having a base-plate, and a removable side plate secured to the body portion, a pin journaled in the casing and provided with a polygonal extension, a rotary sight ele-  
75 ment mounted on the pin and arranged within the casing and adapted to project beyond the same, said sight element being provided with a plurality of sights, and a spring  
80 mounted on the casing at one side thereof and engaging the polygonal extension of the pin, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

PAUL JUNOD.

Witnesses:

L. L. TAYLOR,  
JOHN H. BARR.