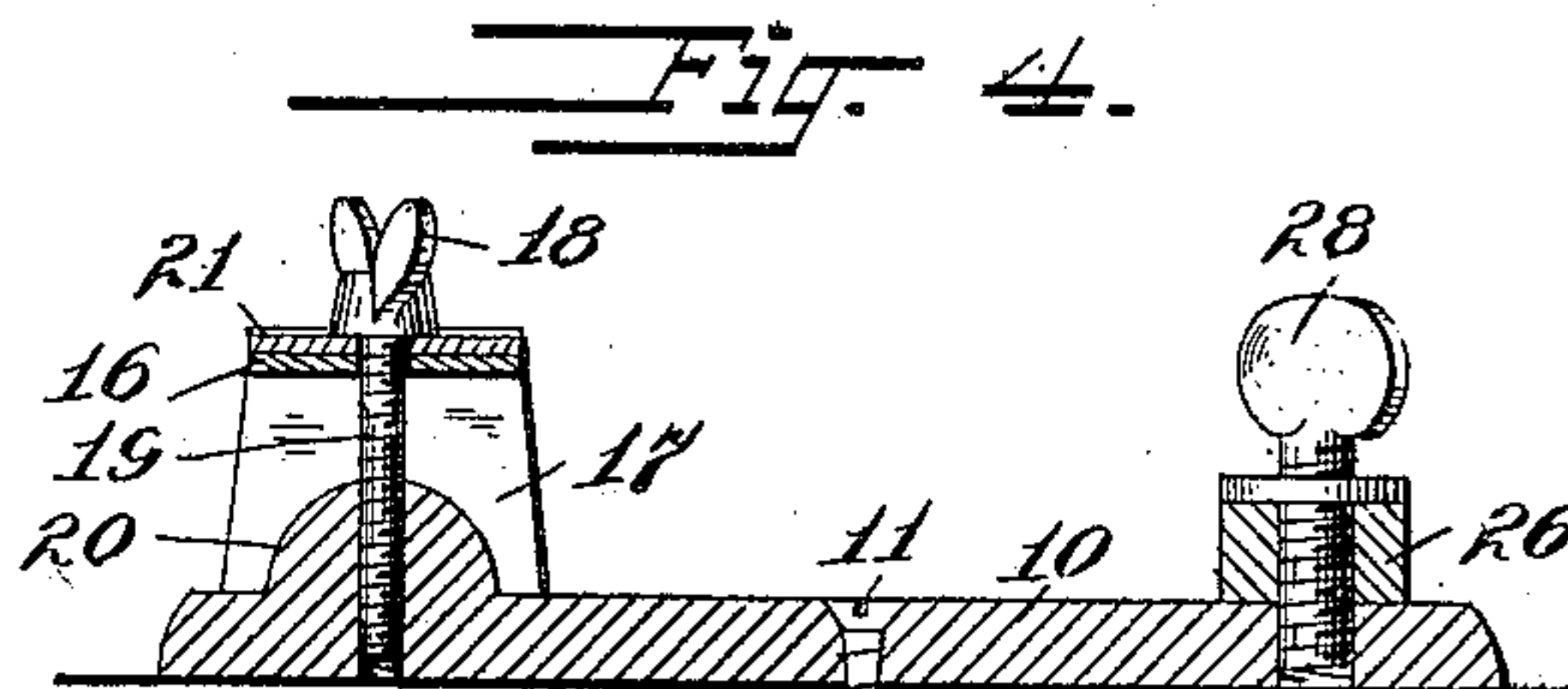
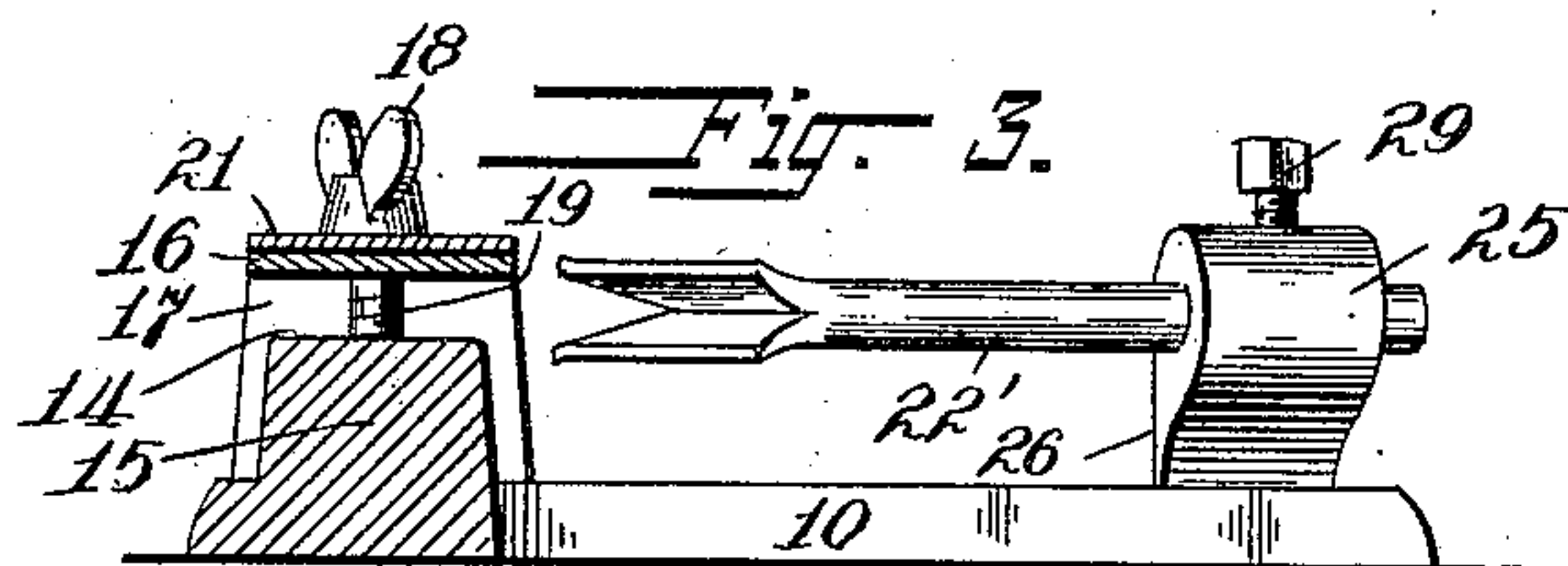
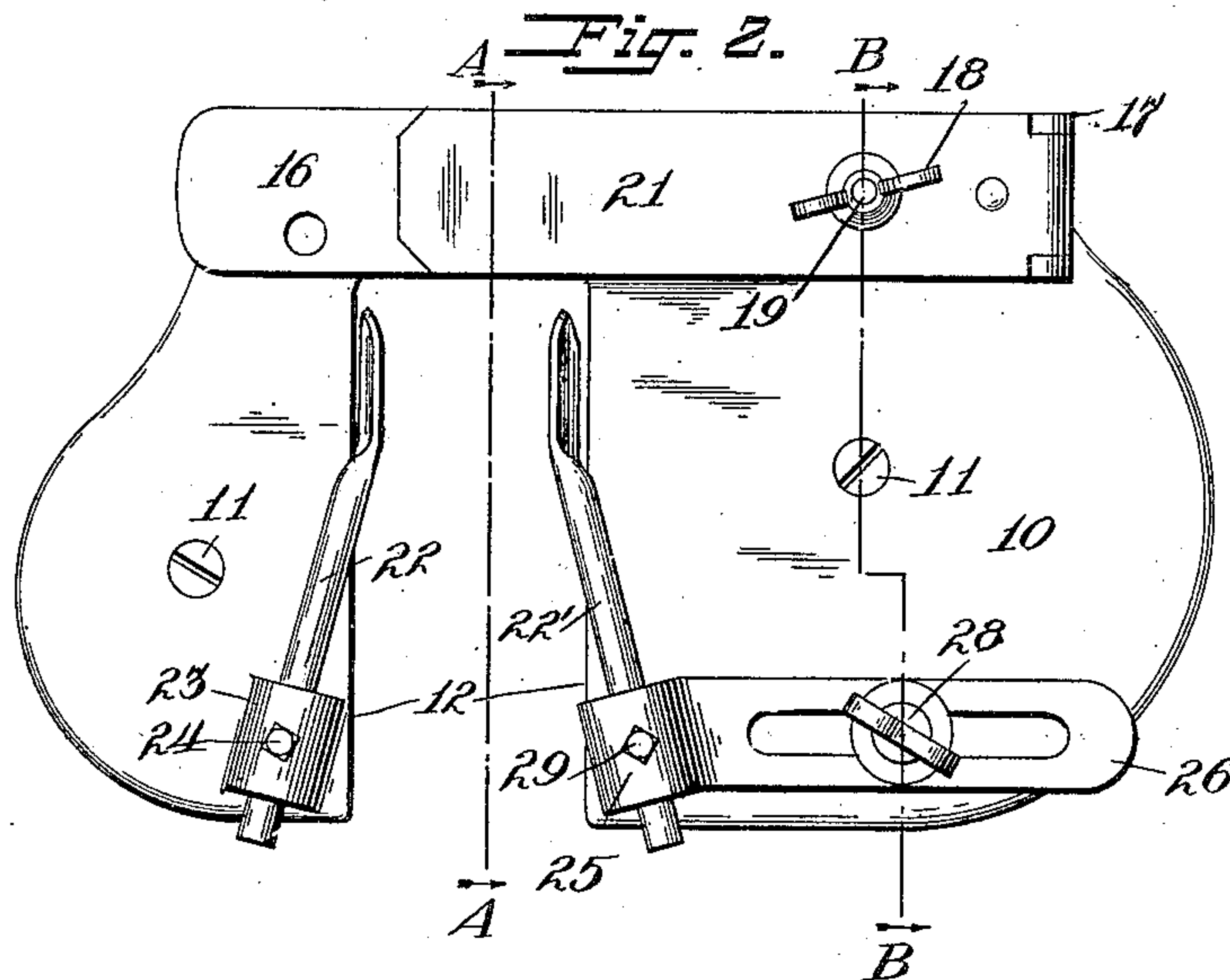
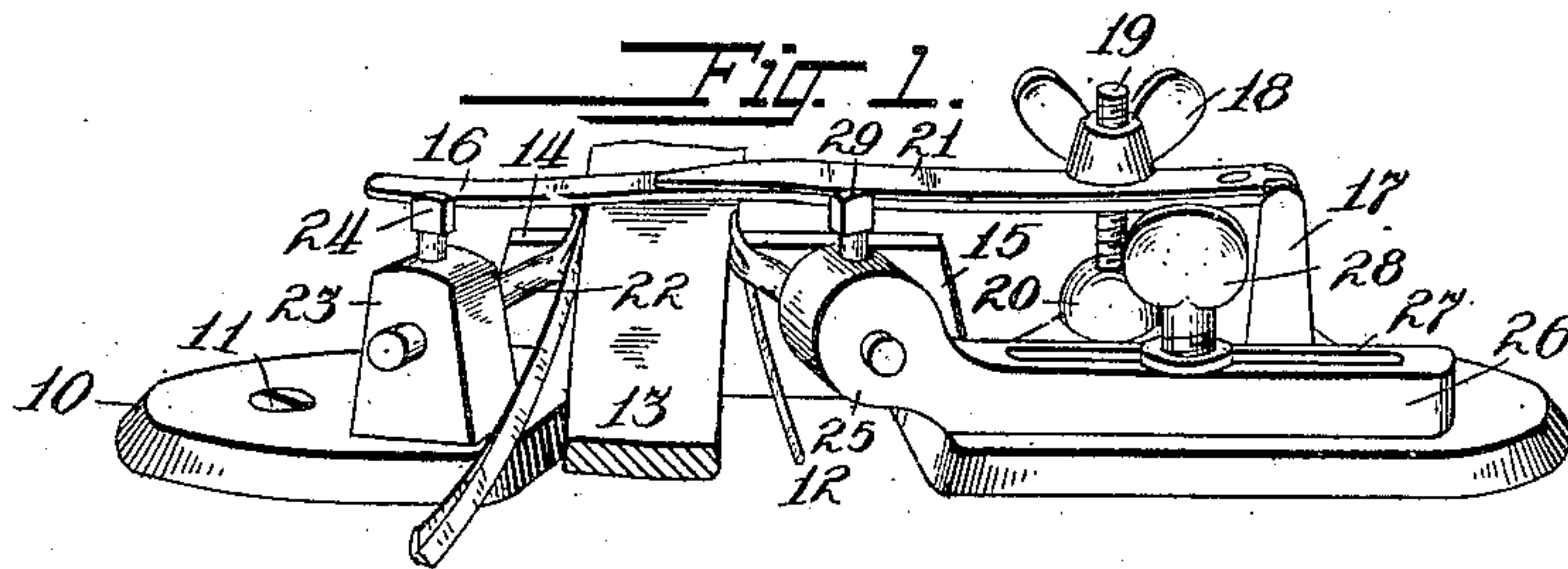


R. H. SCHWARTZ.
LEATHER EDGING APPARATUS.
APPLICATION FILED JULY 13, 1907.

917,366.

Patented Apr. 6, 1909.



Witnesses:
Milton Lenoir.
M. S. Reeder.

Inventor:
By Robert H. Schwartz,
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his Attorney.

UNITED STATES PATENT OFFICE.

ROBERT H. SCHWARTZ, OF CHAMPAIGN, ILLINOIS.

LEATHER-EDGING APPARATUS.

No. 917,366.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed July 13, 1907. Serial No. 383,559.

To all whom it may concern:

Be it known that I, ROBERT H. SCHWARTZ, a citizen of the United States, and a resident of Champaign, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Leather-Edging Apparatus, of which the following is a full, clear, and exact specification.

My invention is concerned with a simple apparatus for rounding off the corners or edges of leather straps or belts, and is designed to produce a device of the class described which shall be simple in its construction, efficient in its operation, and which can be adjusted to operate upon different sized straps or belts.

To illustrate my invention, I annex hereto a sheet of drawings, in which the same reference characters are used to designate identical parts in all the figures, of which,—

Figure 1 is a perspective view of the apparatus, showing a leather strap therein in the act of having its corners trimmed off; Fig. 2 is a plan view of the apparatus without the strap; Fig. 3 is a sectional view on the line A—A of Fig. 2; and Fig. 4 is a similar view in section on the line B—B of the same figure.

In carrying out my invention, I preferably provide a base 10, which is adapted to be secured upon a flat bench by suitable means, such as the screws 11. This base is preferably provided with the U-shaped recess 12 therein to accommodate the movement of the strap as it is drawn between the cutting knives, as will be readily apparent from Fig. 1. To guide the strap 13 as it is being drawn past the knife or knives, I provide the guiding surface 14, which is raised upon a projection 15 at a suitable height at the back of the base. This surface 14 is preferably flat and of sufficient size to cause the adjacent portion of the strap resting thereon to be substantially horizontal. To hold the strap down upon the guide surface 14, I employ the leaf spring 16, which has its rear end resting on the lug 17 projecting upward from the base, and which is adjusted to regulate the pressure upon the strap resting on the surface 14 by means of the wing nut 18, which is turned down upon the screw 19 projecting upward from the lug 20 on the base, as is clearly shown in Figs. 1 and 4. To further increase and regulate the tension, I preferably employ the supplemental, shorter leaf-spring 21, which is similarly held and adjusted, and is located above the other one,

with its free end extending to a point over the portion of the surface 14 over which the strap 13 is drawn. Where a plurality of the knives 21 and 22 are employed, I secure one of them in a preferably rigid lug or bearing ear 23 formed upon the base, as shown, and having an aperture to receive the shank of the knife and a cooperating threaded aperture to receive the set screw 24.

In order to enable me to adjust the apparatus for different widths of straps, I preferably make the ear 25 for the knife 22 adjustable by providing the elongated base 26 with the slot 27 therein, through which is passed the set screw 28, which is threaded into the base, as seen in Fig. 4. The ear 25 has the aperture for the shank and the threaded aperture for the set screw 29, similar to those found in the ear 23. The knives 21 and 22 may have their cutting edges of whatever shape and design are desired to trim off the edges of the straps, but I have found, by practice, that the design shown is especially adapted for rounding off the edges of straps.

The operation of the apparatus will be readily apparent, as the knives are adjusted the proper distance apart for the particular width of a strap 13 to be operated upon, and the nut 18 is adjusted to furnish the proper tension of the springs for the particular thickness of strap to be operated upon, and then the strap being in position, is pulled steadily between the knives, as indicated in Fig. 1, and the corners or edges are trimmed off, in the manner clearly shown.

While I have shown and described my invention as embodied in the form which I at present consider best adapted to carry out its purposes, it will be understood that it is capable of modifications, and that I do not desire to be limited in the interpretation of the following claim except as may be necessitated by the state of the prior art.

What I claim as new, and desire to secure by Letters Patent of the United States, is:

In combination a base having at one edge an upwardly extending projection with a guiding surface for the leather at its top, said base having a recess extending from said upwardly projecting portion through to the opposite edge of the base, a pair of upwardly extending ears on the base, one at each edge of the said recess, a pair of knives of angular form in cross section and extending horizontally above the said recess and in a plane substantially parallel with the upper surface

of the base, each knife having its cutting
edge directed rearwardly toward the guid-
ing surface of the upwardly extending pro-
jection and its shank extending in the oppo-
5 site direction substantially horizontally over
the base and held in one of the ears, and
means whereby one of said ears is adjustably
mounted on the base whereby it may be ad-
justed toward and from the ear on the op-

posite side of said recess, substantially as de- 10
scribed.

In witness whereof, I have hereunto set
my hand and affixed my seal, this 10th day
of July, A. D. 1907.

ROBERT H. SCHWARTZ [L. s.]

Witnesses:

WILLIAM P. ROSS,
E. I. RISING.