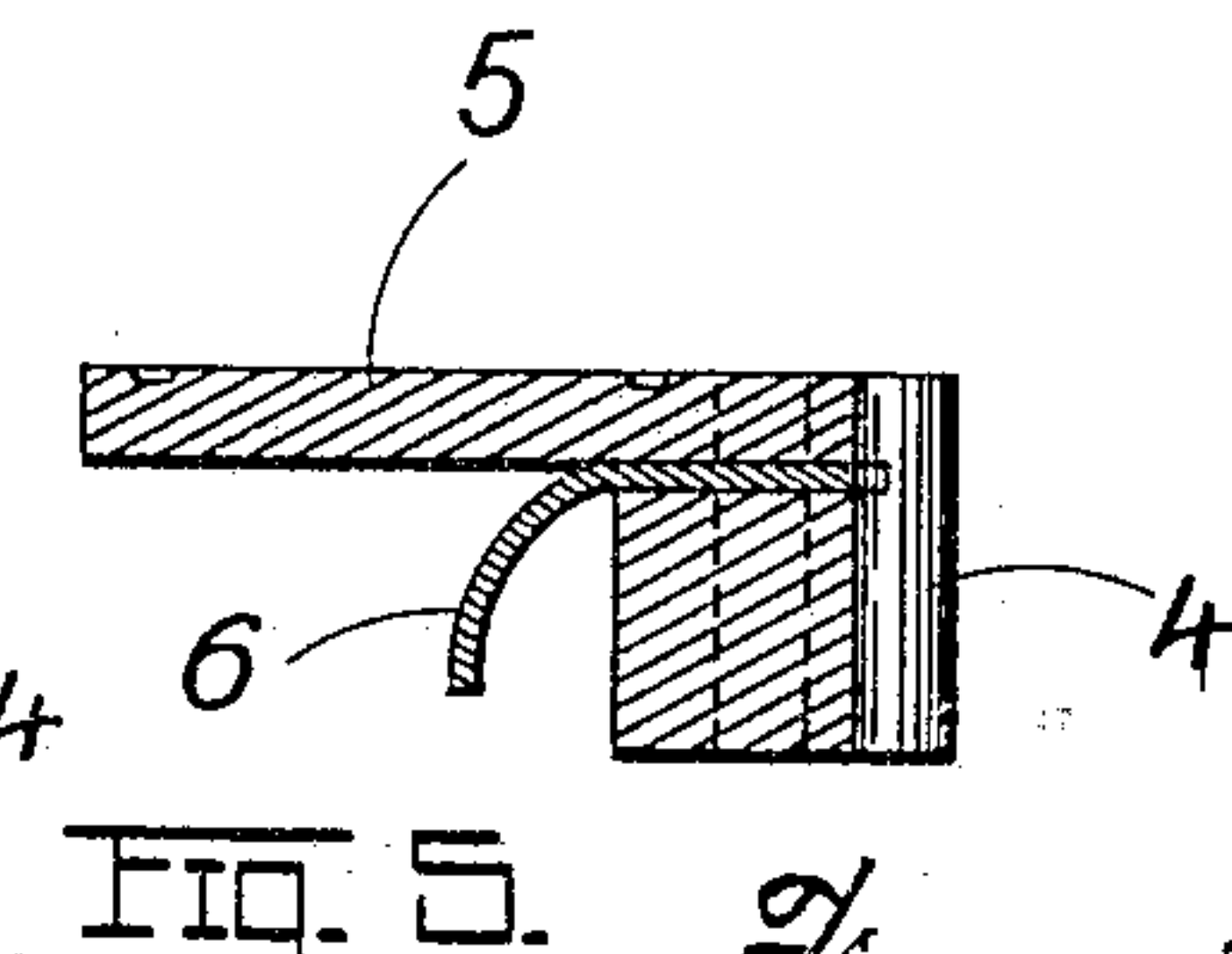
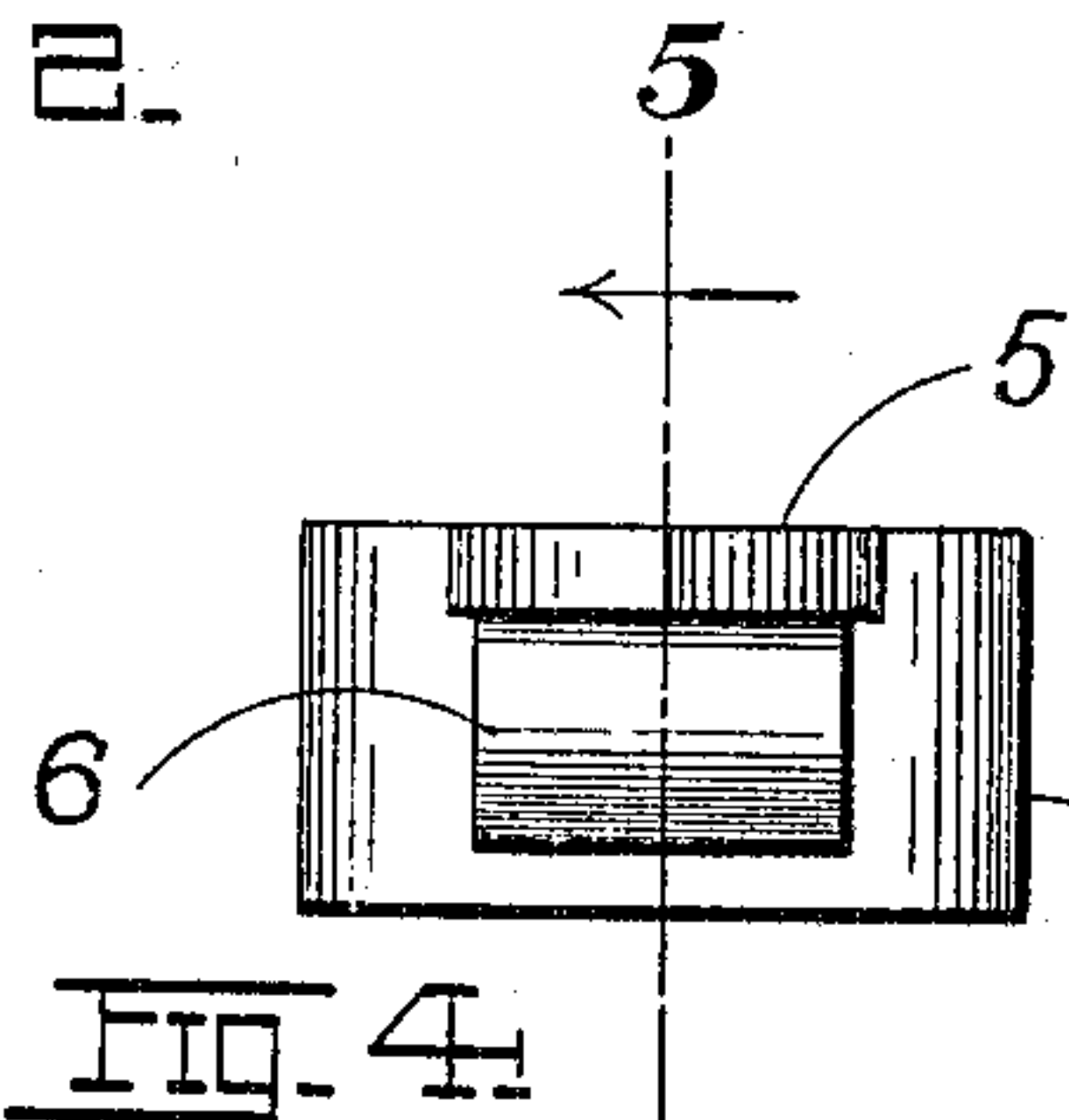
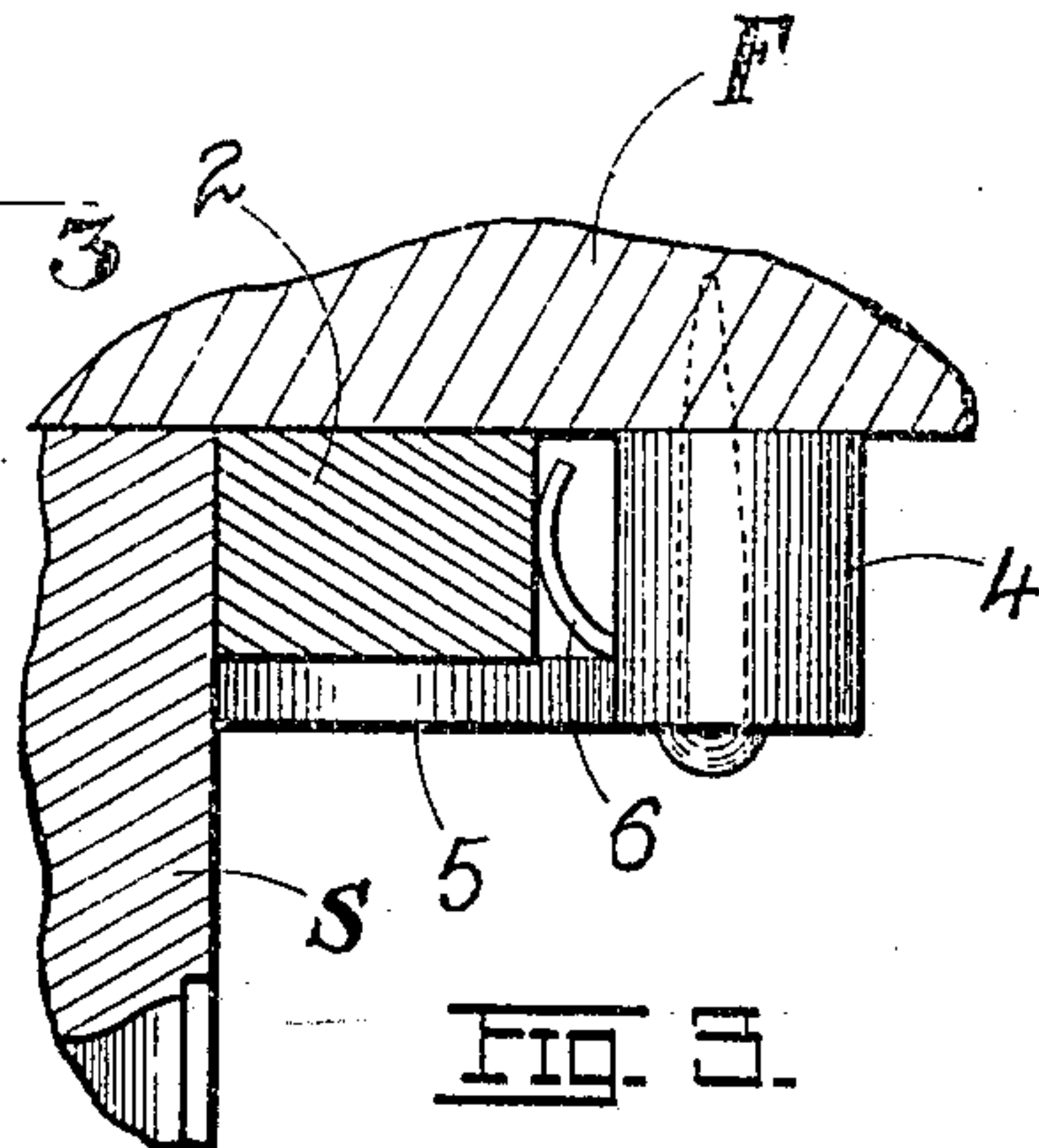
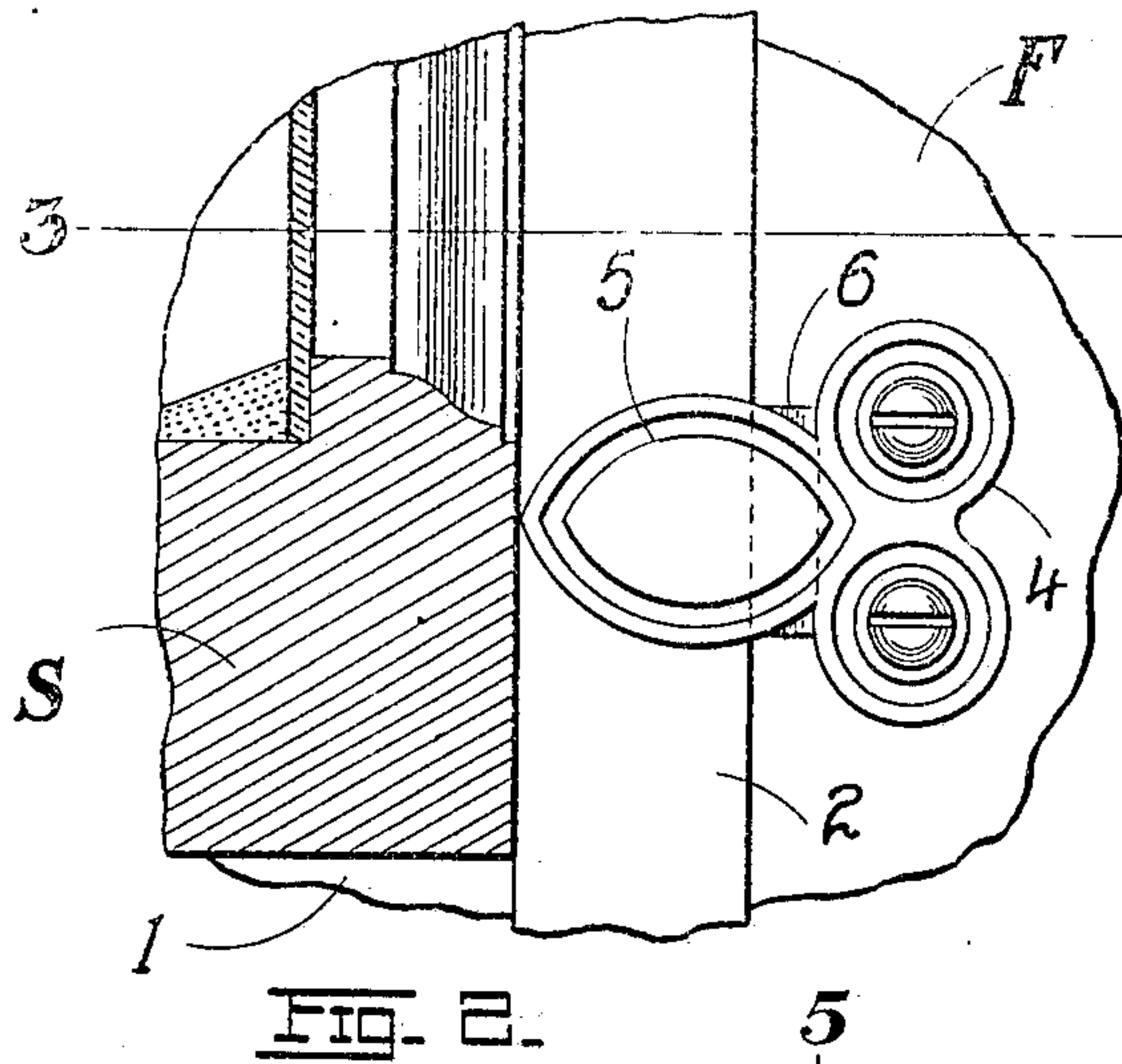
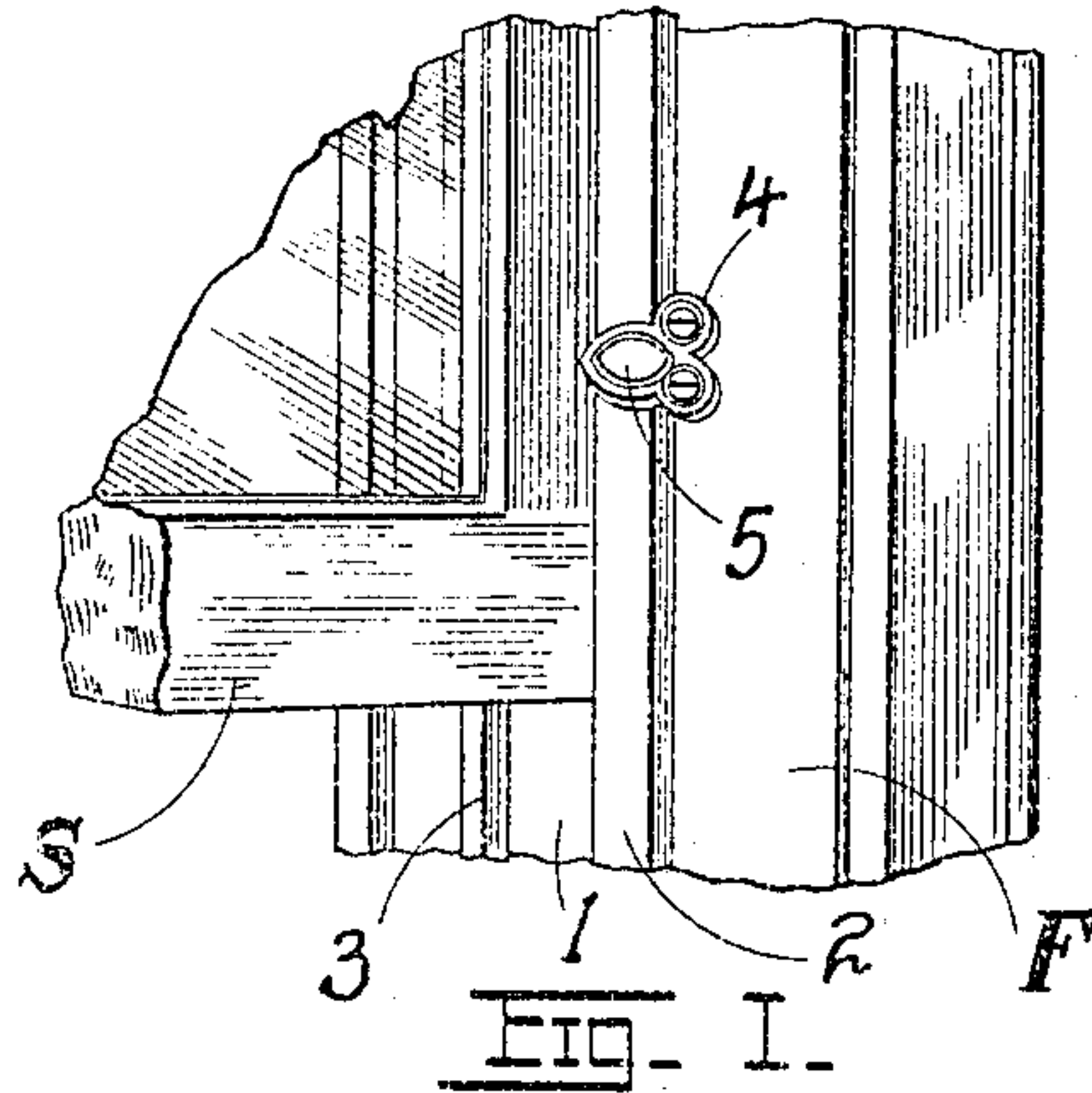


No. 788,052.

PATENTED APR. 25, 1905.

F. KLING.
WINDOW SASH ANTIRATTLER.
APPLICATION FILED JULY 23, 1904.



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UNITED STATES PATENT OFFICE.

FREDERICK KLING, OF BLANDINSVILLE, ILLINOIS.

WINDOW-SASH ANTIRATTLER.

SPECIFICATION forming part of Letters Patent No. 788,052, dated April 25, 1905.

Application filed July 23, 1904. Serial No. 217,842.

To all whom it may concern:

Be it known that I, FREDERICK KLING, a citizen of the United States, residing at Blandinsville, in the county of McDonough and State of Illinois, have invented certain new and useful Improvements in Window-Sash Antirattlers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in window-sash antirattlers; and it consists in the novel attachment more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is a perspective of one side of a window-frame, showing device attached. Fig. 2 is a face view of the device with window-sash in cross-section. Fig. 3 is a horizontal section on line 3 3 of Fig. 2. Fig. 4 is an edge view of the device, and Fig. 5 is a vertical section on line 5 5 of Fig. 4.

The object of my invention is to provide a window-frame with an attachment which will force the sash snugly against the walls of the grooves or ways within which the sash operates, thereby preventing rattling of the sash and dispensing, too, with the necessity of weather-strips, as will be better apparent from a detailed description of the invention, which is as follows:

Referring to the drawings, F represents the window-frame; 1, the stile; 2, the stop-bead, and 3 the parting-bead. The sash S moves up and down between the stiles in a groove or way formed between the beads 2 and 3.

In the present instance the bead 2 is nailed to the frame at the top and bottom, the intermediate parts being free. Approximately at the center of the frame F, I secure a block 4, the same being provided with a nose 5 overlapping the stop-bead 2. At the base of the nose and projecting from the inner surface thereof is a flexed spring 6, whose free end bears against the adjacent edge of the bead 2, forcing the opposite edge of the bead against the sash, the latter being in turn forced against the parting-bead 3. In this way a snug joint is established between the sash-surfaces and the respective beads 2 and 3, preventing the sash from rattling and dispensing with the necessity for weather-strips.

I may of course depart from the details here shown without in any wise affecting the nature or spirit of my invention.

Having described my invention, what I claim is—

A window-sash antirattler comprising a block adapted to be secured to the window-frame, a nose on said block adapted to overlap the stop-bead of the frame, said stop-bead being yieldingly mounted to said frame, and a flexed spring at the base of the nose adapted to bear with its free end against the adjacent edge of the stop-bead and force the latter against the sash, substantially as set forth.

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

FREDERICK KLING.

Witnesses:

EMIL STAREK,
JAS. R. WADE.