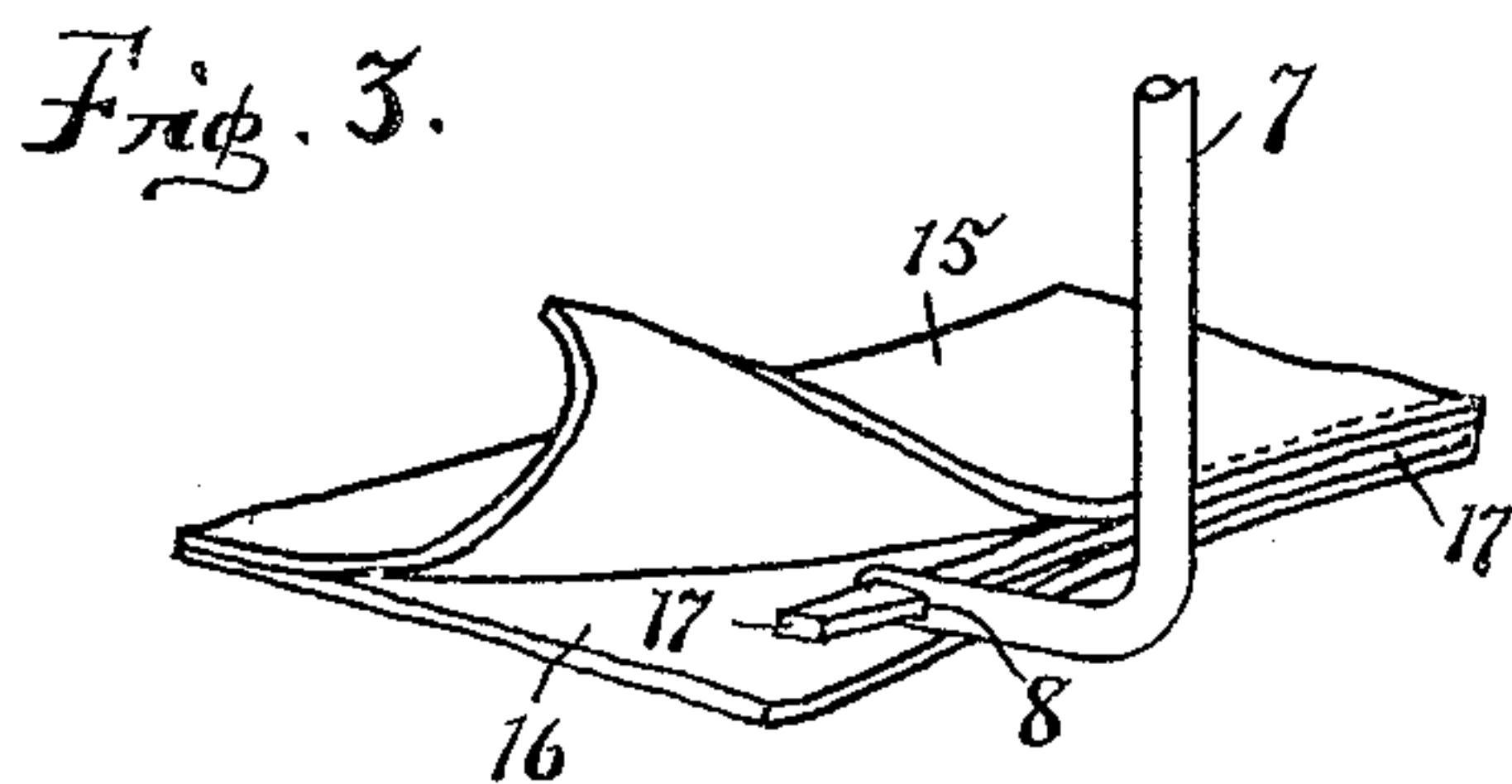
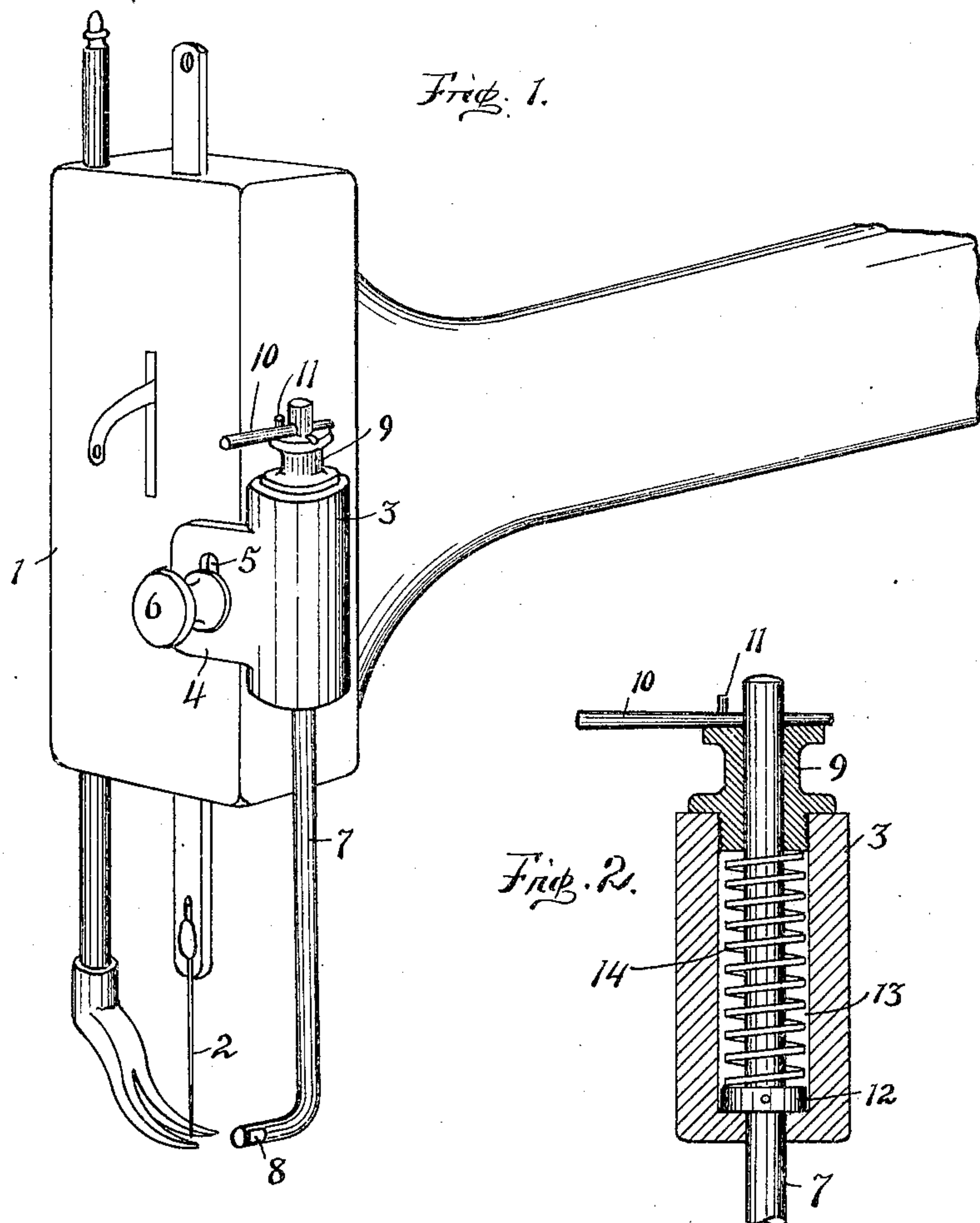


No. 789,743.

PATENTED MAY 16. 1905.

P. W. LEIDOLF.
GUIDE FOR SEWING MACHINES.
APPLICATION FILED APR. 9, 1904.



WITNESSES:

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PAUL W. LEIDOLF, OF FORT WAYNE, INDIANA.

GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 789,743, dated May 16, 1905.

Application filed April 9, 1904. Serial No. 202,297.

To all whom it may concern:

Be it known that I, PAUL W. LEIDOLF, a citizen of the United States of America, and a resident of Fort Wayne, in the county of Allen and State of Indiana, have invented certain new and useful Improvements in Guides for Sewing-Machines, of which the following is a specification.

My invention relates to improvements in sewing-machine attachments, and the object thereof is to provide means in connection with a sewing-machine for guiding the welts while being sewed between over and under lying pieces, and which attachment may be readily shifted from in front of the sewing mechanism of the machine.

I accomplish my object by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing a part of a sewing-machine with my attachment arranged in position for use. Fig. 2 is a vertical central section of the supporting-casting of the attachment with the stem and appurtenants in connection therewith, and Fig. 3 is a detail showing the position of the lower end of the stem relative to the material being operated upon.

Similar numerals of reference indicate corresponding parts throughout the several views.

Referring now to the drawings, 1 is the head of a sewing-machine, and 2 is the needle thereof. The supporting-casting 3 of the attachment has a lug 4, in which is made a vertical slot 5. A set-screw 6 serves to hold said supporting-casting in place upon the head 1 of the machine, the said screw passing through the said slot into said head, the slot admitting the vertical adjustment of the said casting.

The stem of the attachment consists of a bar 7 with its lower end bent at right angles to the shank thereof and with an eye 8 made horizontally through the part near the end of the bent portion. The said bar is mounted in said supporting-casting so as to turn

thereon, and extends up through the bottom thereof and through a plug 9, screwed into the top of said casting 3. A lever 10 is fixed in the top of the bar 7, by which the latter is adapted to be turned, and a stop 11 projects from the plug 9 and serves to limit the turning movement of the bar at a point when the eye 8 of the bar is in front of the needle in position for use. A collar 12 is fixed upon the bar 7 at a point within the chamber 13 of the casting 3 and rests against the bottom thereof, and a coil-spring 14 surrounds said bar and acts against the plug 9 and collar 12 and frictionally holds said bar in position as well as permitting the bar to be lifted when occasion arises.

In using the invention the bended end of the bar is turned in front of the machine-needle, and a welt 17 is inserted through the eye 8, and the pieces 15 and 16, between which the welt is to be sewed, are passed, respectively, over and under the bent end of the bar and in line with the welt, so that the said pieces and welt pass under the needle, together with the welt interposed between the said pieces.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In an attachment of the class described for sewing-machines, a hollow supporting-casting; a plug in the top thereof; a bar extending through said casting and plug; a stop on said plug; a lever in fixed connection with the bar and adapted to be engaged by the stop; a collar fixed on the bar; a spring interposed between the collar and plug; and an eye in said bar at a point in front of the machine-needle when the bar is in normal position.

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

PAUL W. LEIDOLF.

Witnesses:

W. G. BURNS,
H. J. LAMPKE.