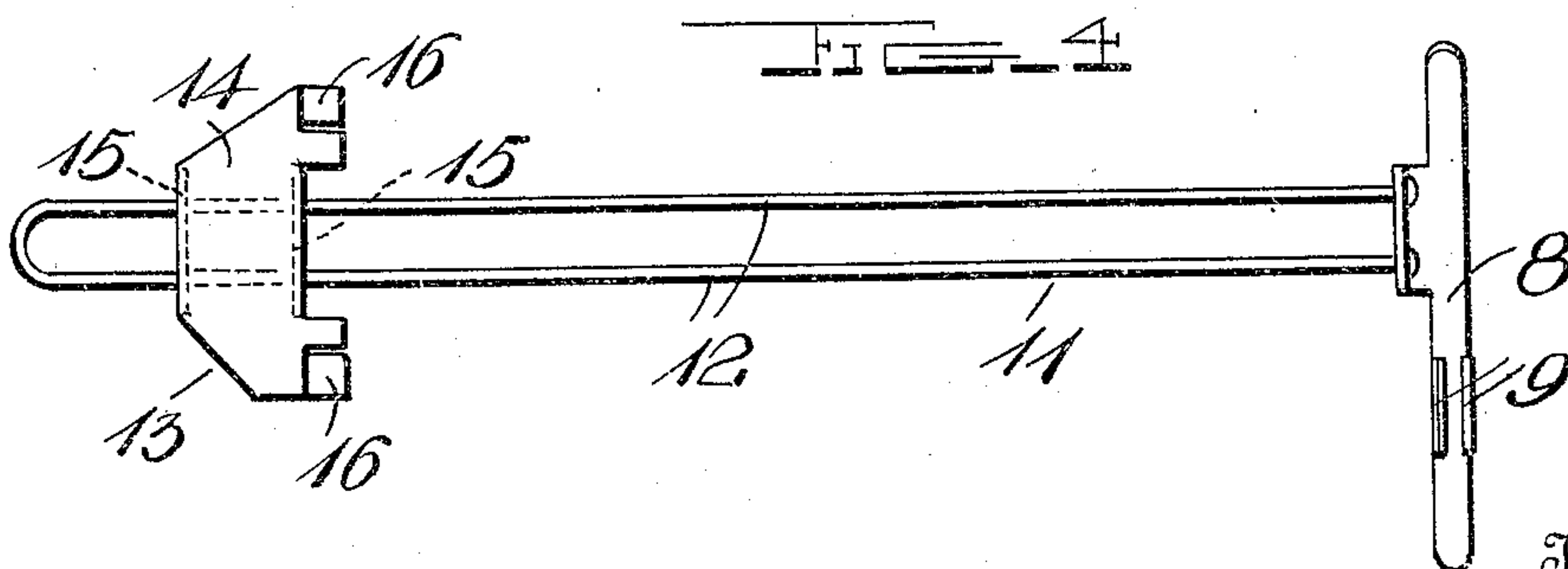
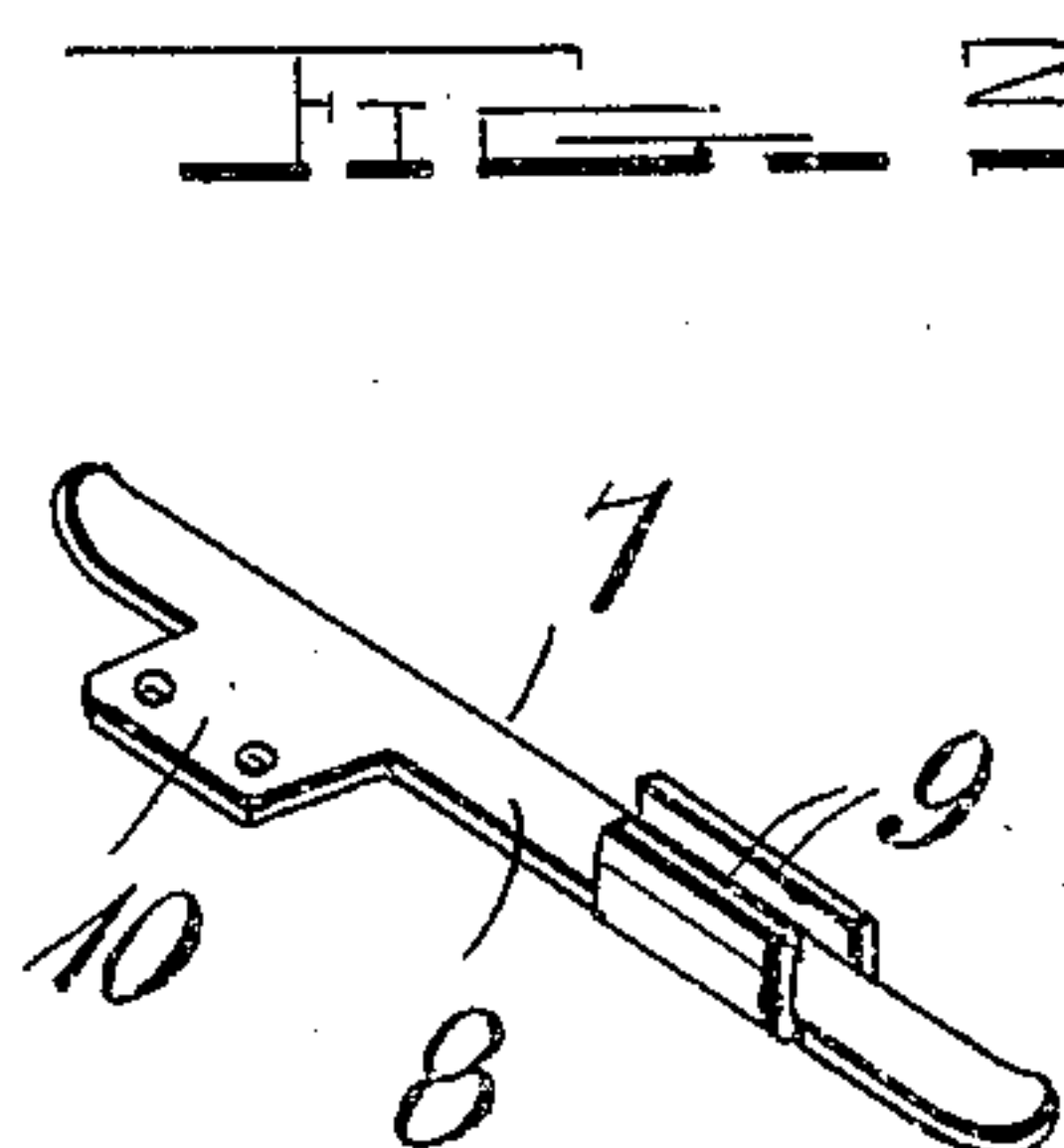
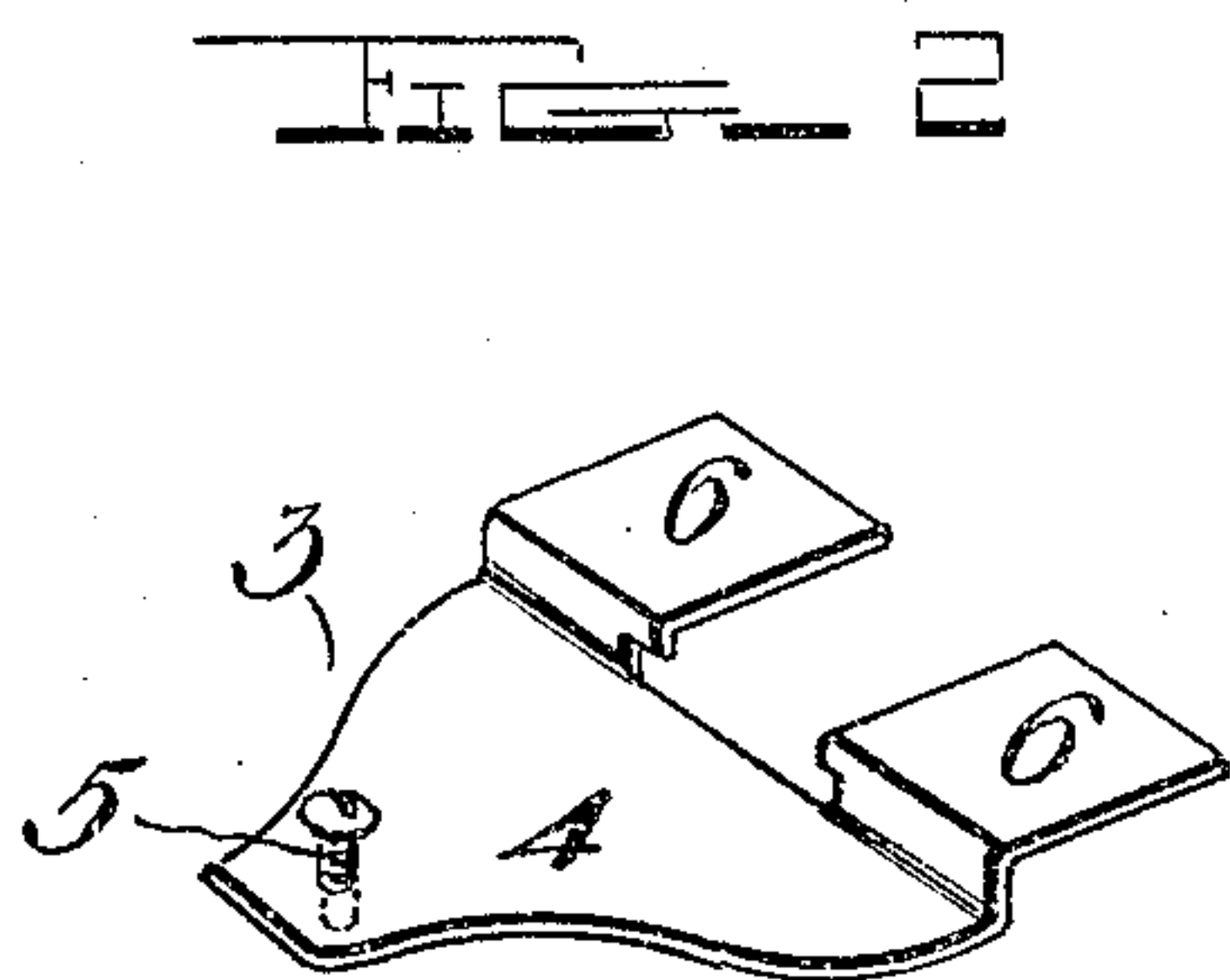
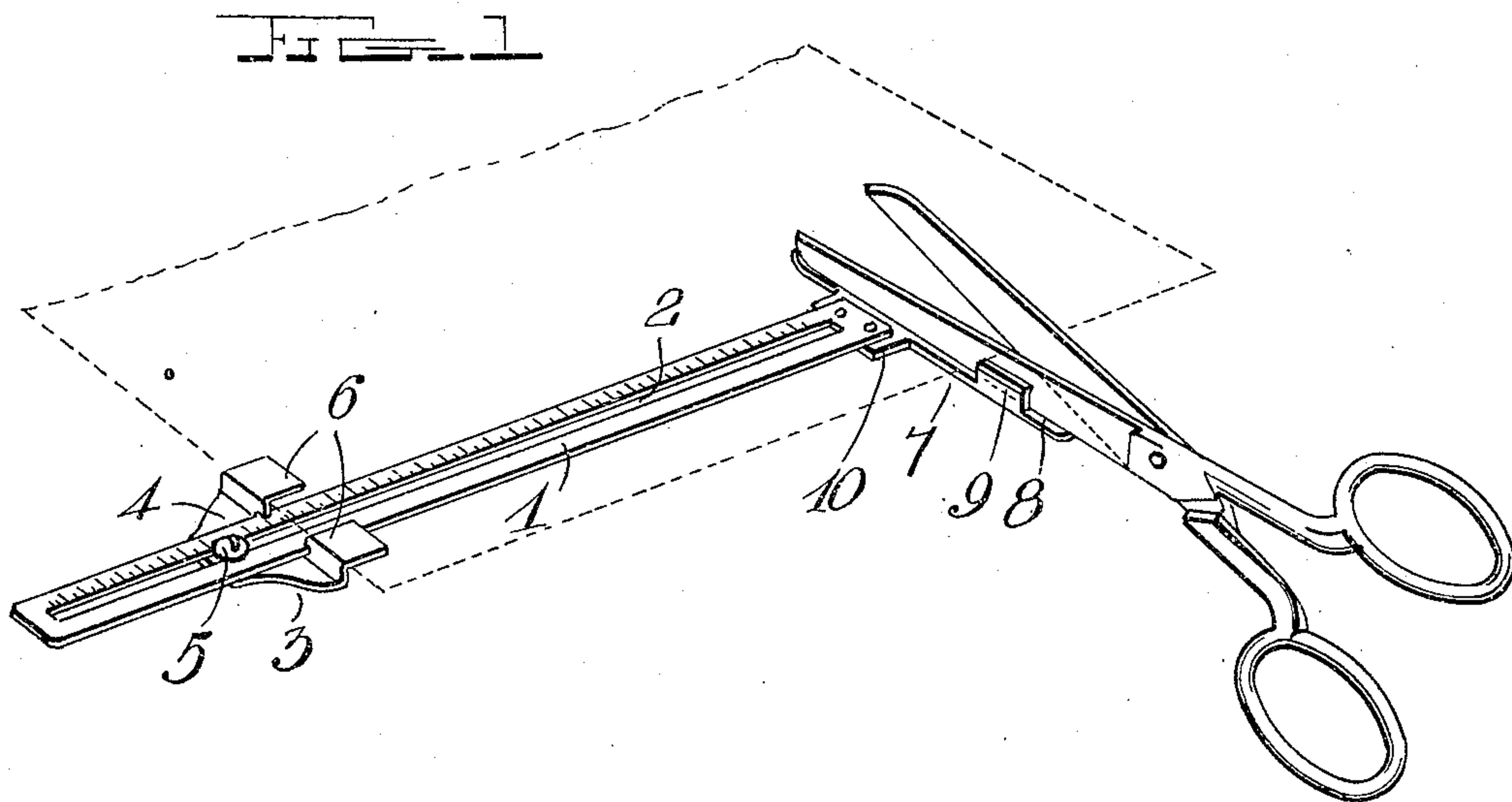


O. B. COLE & J. E. WRIGHT.
GAGE ATTACHMENT FOR SHEARS.
APPLICATION FILED JUNE 2, 1909.

959,464.

Patented May 31, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

ORPHA B. COLE AND JAMES E. WRIGHT, OF OMAHA, NEBRASKA.

GAGE ATTACHMENT FOR SHEARS.

959,464.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed June 2, 1909. Serial No. 499,714.

To all whom it may concern:

Be it known that we, ORPHA B. COLE and JAMES E. WRIGHT, citizens of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Gage Attachments for Shears; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in gage attachments for shears.

One object of the invention is to provide an attachment of this character which may be readily applied to a pair of shears whereby material may be evenly cut in uniform widths.

Another object is to provide a gage attachment for shears which will be simple, strong, durable and inexpensive in construction, efficient and reliable in operation and well adapted to the purpose for which it is designed.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of a pair of shears showing the application of the invention thereto; Fig. 2 is a similar view of the adjustable guide of the gage; Fig. 3 is a similar view of the shears attaching member of the gage; Fig. 4 is a plan view of a modified form of the gage.

Referring more particularly to the drawings 1 denotes the gage or measuring bar which is provided with a longitudinally disposed slot 2 and has preferably arranged thereon a scale of inches.

Slidably mounted on the measuring bar 1 is a guide or gage member 3, said member preferably comprising a bar engaging plate 4 in which is arranged a clamping screw 5 whereby the guide is secured in adjustable position on the bar 1. On one edge of the guide are formed right angular offset cloth engaging lugs 6 with which the edge of the cloth to be cut is engaged.

The measuring bar 1 is preferably se-

cured to the shears by a clamping member 7 which comprises a plate 8 having adjacent to one end parallel laterally projecting blade clamping lugs 9 which are adapted to be sprung into engagement with one of the blades of the shears thereby holding the gage in position thereon. On the plate 8 of the clamping member is formed a laterally projecting lug 10 to which is riveted or otherwise secured the inner end of the gage bar 1 thereby firmly securing the gage bar to the attaching member 7.

In Fig. 4 of the drawings is shown a slightly modified construction of the gage bar, the latter being shown in this instance as formed of a wire rod 11 bent upon itself midway between its ends to form guide supporting bars 12 with which is slidably engaged the guide member 13, said member comprising a base plate 14 on which are formed oppositely disposed downwardly projecting lugs 15 provided with alined apertures to receive the bars 12 of the gage whereby said guide is slidably secured to the gage. The plate 14 is also provided with guide lugs 16 with which the edge of the material is engaged while being cut. The free ends of the bars 12 are secured to the lug 10 of the shears attaching member in any suitable manner whereby the gage is attached to the shears. By adjusting the guides of the gage bars to the desired position, the material may be evenly cut into strips or pieces of uniform width without the necessity of measuring the same.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction, may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claim.

Having thus described our invention, what we claim is:

A device of the character described comprising a gage bar having formed therein a longitudinally disposed slot and having arranged thereon a scale of measurement, a cloth guide adjustably mounted on said bar, means to secure said guide in its adjusted

positions, a shears attaching member comprising a plate, blade engaging lugs formed on said plate and adapted to be engaged with the blade of the shears, and a bar engaging lug formed on said plate and adapted to be secured to the inner end of the gage bar.

In testimony whereof we have hereunto

set our hands in presence of two subscribing witnesses.

ORPHA B. COLE.
JAMES E. WRIGHT.

Witnesses:

GEO. T. LINDLEY,
J. M. HIATT.