

No. 672,517.

Patented Apr. 23, 1901.

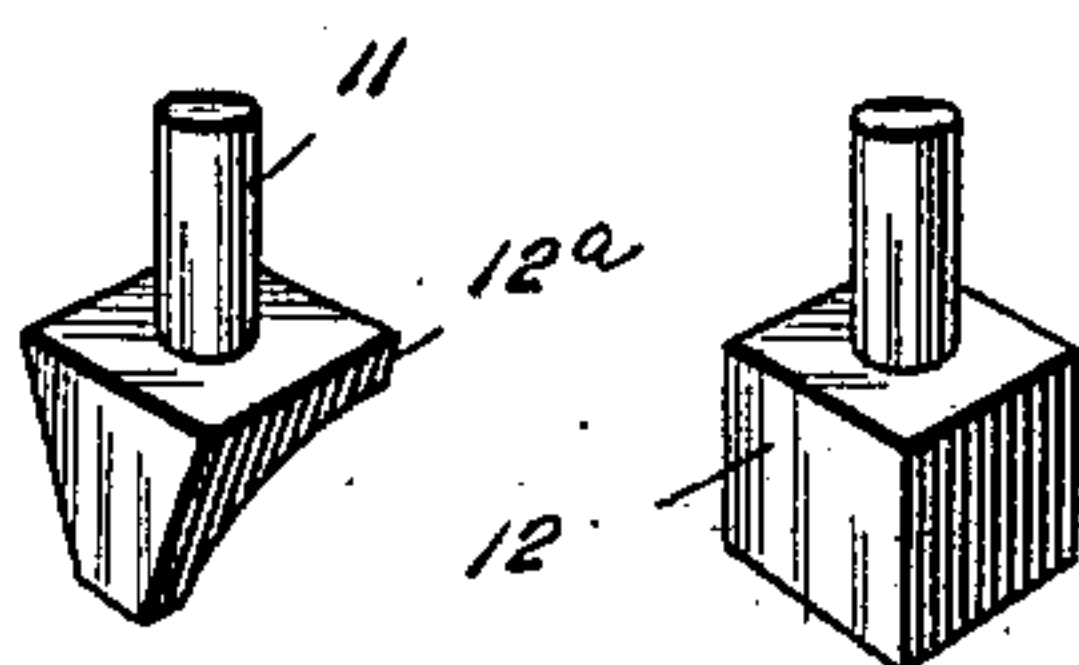
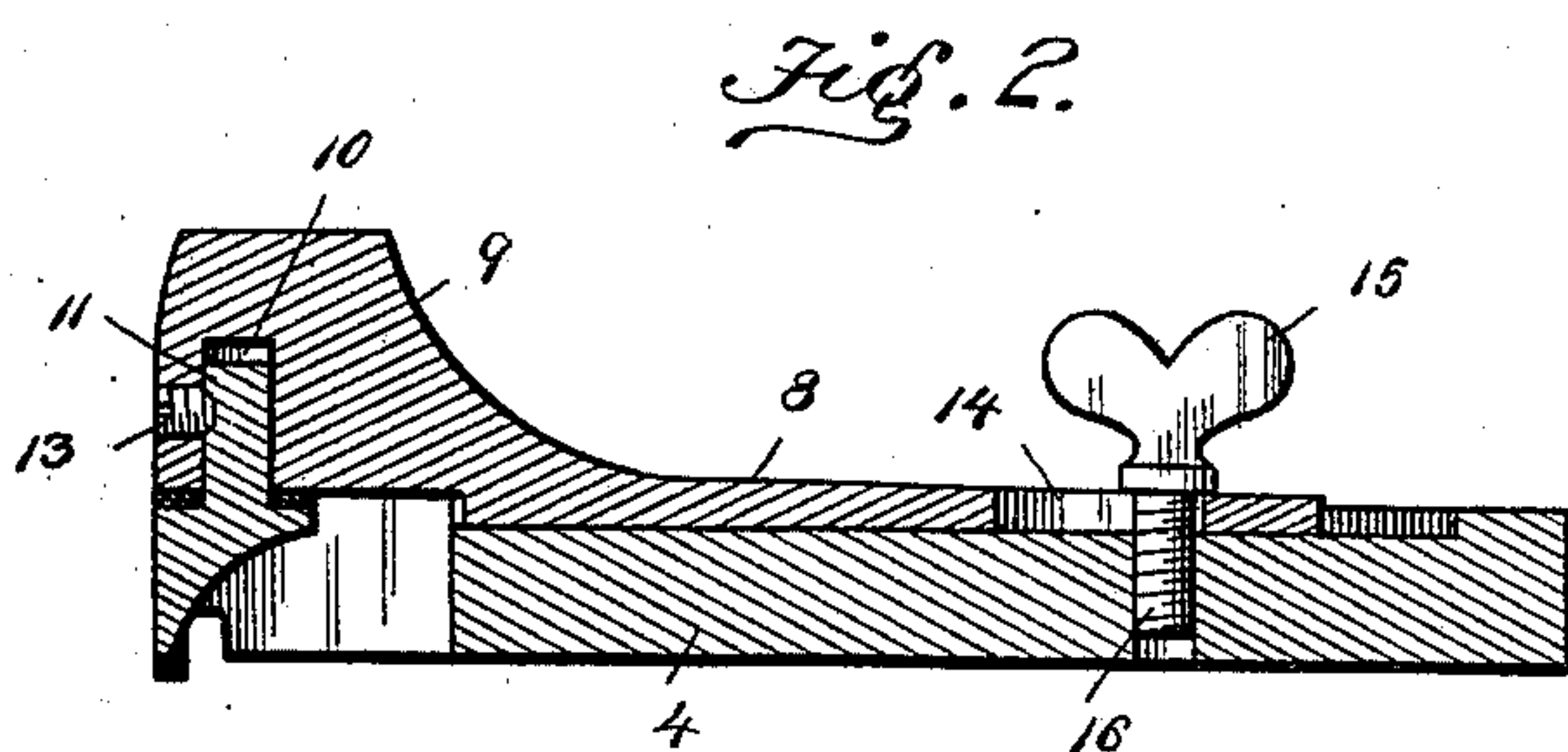
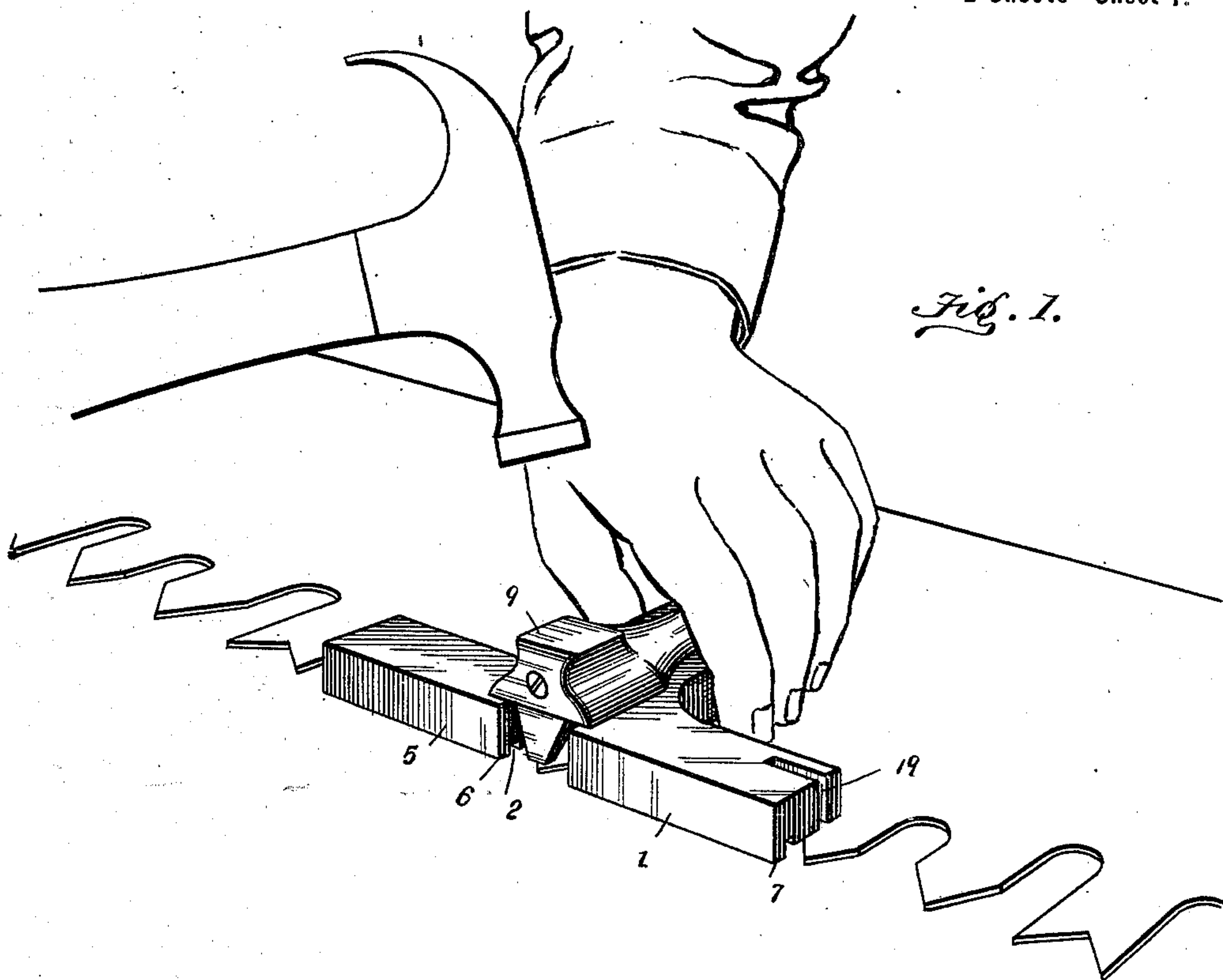
J. WESELY.

SAW SET.

(Application filed July 28, 1900.)

(No Model.)

2 Sheets—Sheet 1.



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Witnesses,
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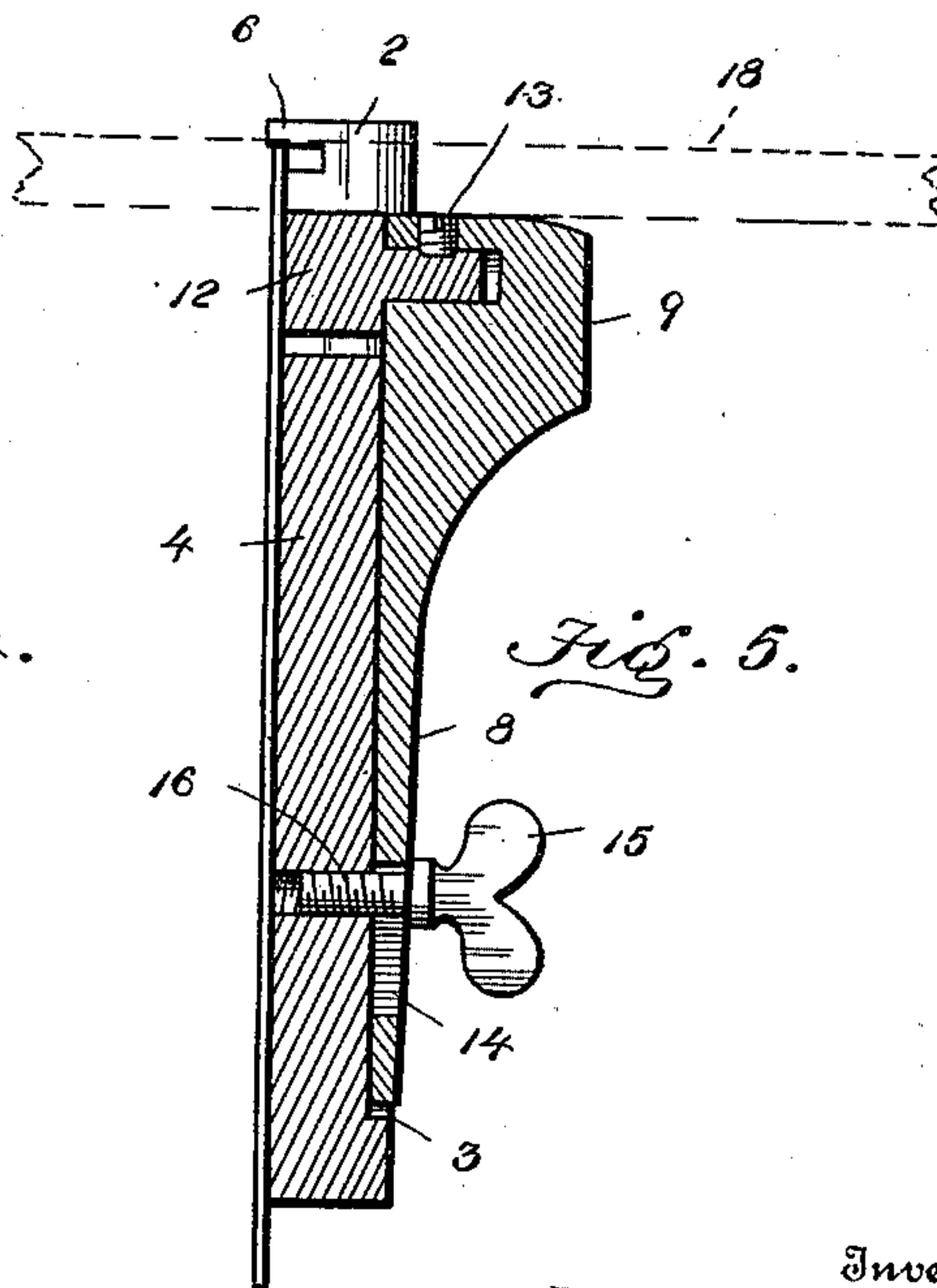
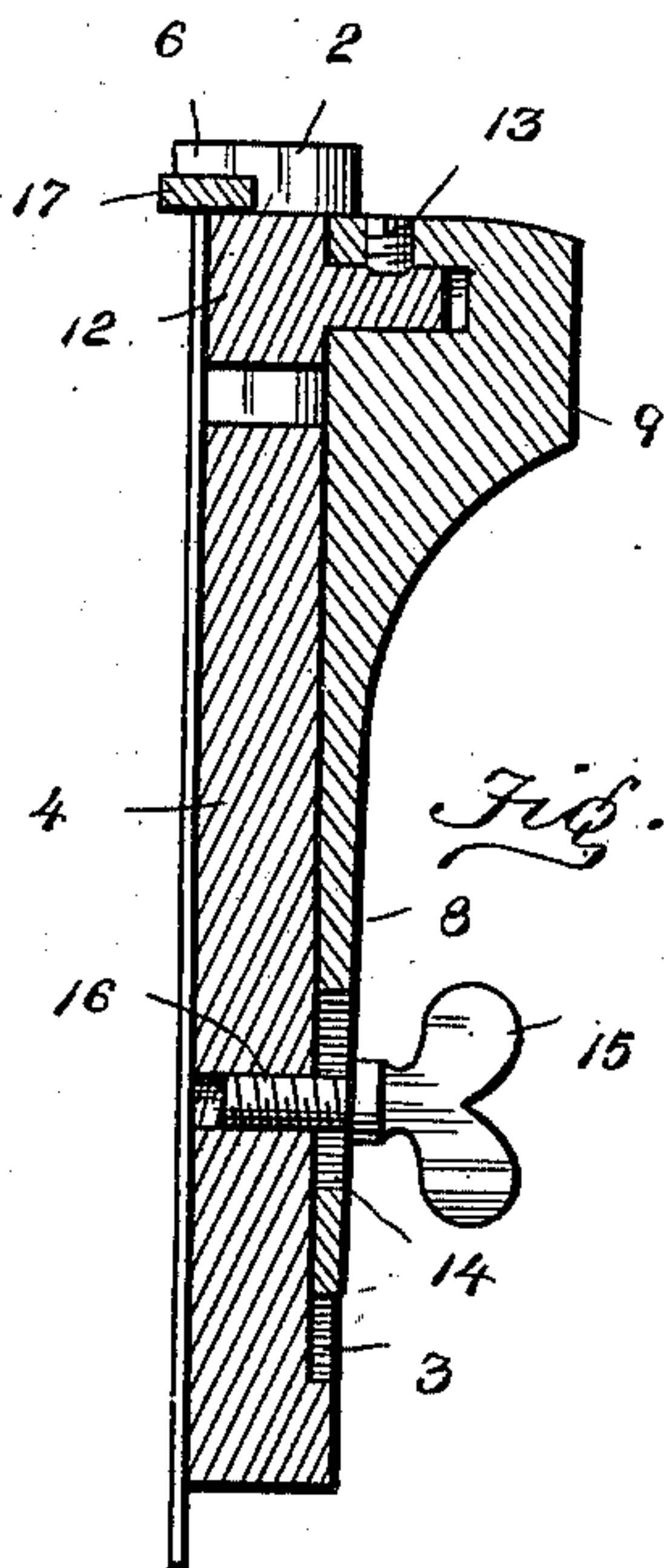
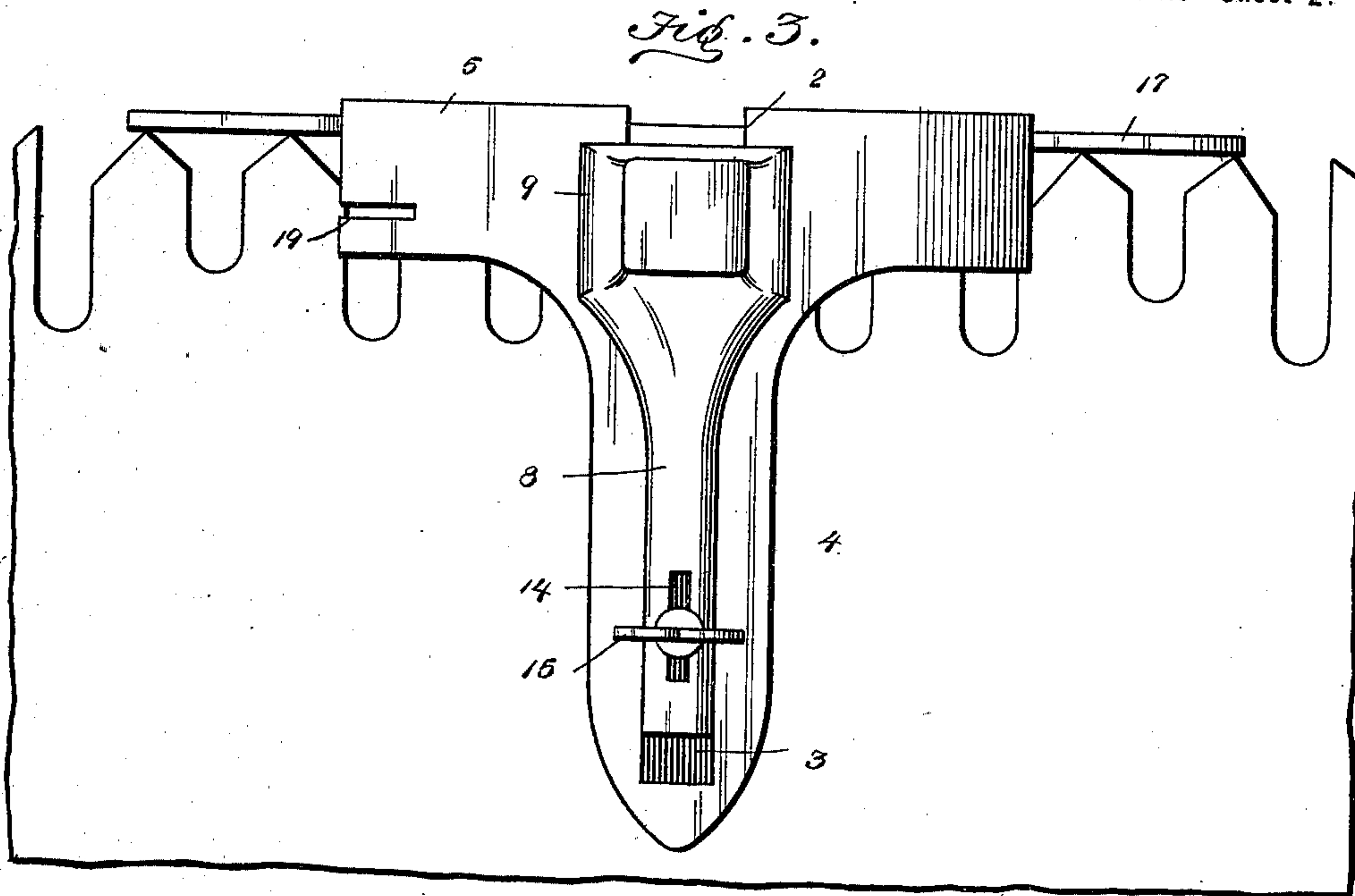
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SAW SET.

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(No Model.)

2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

JOSEPH WESELY, OF SCIO, OREGON.

SAW-SET.

SPECIFICATION forming part of Letters Patent No. 672,517, dated April 23, 1901.

Application filed July 28, 1900. Serial No. 25,185. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH WESELY, a citizen of the United States, residing at Scio, in the county of Linn and State of Oregon, have
5 invented new and useful Improvements in Saw-Sets, of which the following is a specification.

My invention relates to saw-sets; and its object is to provide a device of this character which will be capable of four distinct
10 functions—viz., jointing the saw, filing the drags, setting the teeth with the aid of a hammer, and bending and springing the teeth by the use of the implement itself.

15 The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form a part of this specification, and its novel features will be defined in the appended claim.

20 In the drawings, Figure 1 is a view in perspective of the device when in use as a saw-set. Fig. 2 is a central longitudinal section of the same. Fig. 3 is a side elevation of the device when employed in jointing the saw or
25 leveling the points of the teeth. Fig. 4 is a central vertical section of Fig. 3. Fig. 5 is a vertical section of the device when in position for filing the teeth or drags, and Figs. 6 and 7 are views in perspective of the removable tools employed in connection with
30 the device.

The reference-numeral 1 designates the frame or body of the implement of substantially T shape and having a central slot or
35 recess 2, which communicates with a longitudinal groove 3, formed on one side of the stem 4 of the device.

The inner surface of the head portion 5 is recessed to form edge flanges 6 and 7, which,
40 as illustrated in Figs. 4 and 5, are adapted to project over the teeth of the saw.

8 designates a slide formed with a head 9, which is provided with a recess 10 to receive the stem 11 of a block or tool 12 or 12^a, said
45 block or tool being detachably secured within the recess 10 by means of a set-screw 13. The reduced end of the slide 8 is formed with an elongated slot 14, through which extends

a thumb-screw 15, said screw extending into a threaded opening 16, formed in the body of
50 the device. The reduced portion of the slide 8 is formed of spring metal, and said slide is adapted to be adjusted within the groove 3 and held, by means of the thumb-screw 15,
55 at any position to which it may be adjusted.

The device constructed as thus described is adapted for a variety of uses, as hereinbefore stated.

When the device is to be employed as a saw-set, it is applied to the teeth of the saw,
60 as shown in Fig. 1, the head 9 of the slide serving as a hammering-surface to bend the teeth. In this use of the invention the form of tool shown in Fig. 6 and designated as 12^a is employed instead of the block 12. (Shown
65 in Fig. 7.)

When the implement is to be used to joint a saw or level its teeth, a file 17 (see Figs. 3 and 4) is placed under the flanges 6 and 7,
70 and the slide carrying the block 12 is pushed up against the under side of the file and there clamped, so that the block holds the file firmly between said block and the flanges 6 and 7. When the file is thus held, the device is
75 adapted to be drawn over the points of the teeth, as will be apparent from the illustrations in Figs. 3 and 4.

When it is desired to file the teeth or drags, the flanges 6 and 7 engage the points of the
80 teeth, and the tooth which is presented opposite the recess 2 is in position to be operated upon by the file 18. (Shown in dotted lines in Fig. 5.) It will be obvious that the flanges 6 and 7 serve as gages, thus permitting the
85 teeth to be filed accurately.

At one end of the body of the implement is formed a slot 19, which is adapted to receive the teeth when it is desired to twist or
spring the same by hand.

It will be apparent that the device as above
90 described is simple and durable in construction and well adapted for the various uses for which it is designed.

I would have it understood that I reserve
95 the right to make all such modifications and changes in the details of the device as may

fall within the scope of the invention as defined in the following claim.

I claim—

5 A saw-set comprising a body portion formed with a central recess; a longitudinal groove on its upper surface communicating with said central recess; a flange at each side of said recess depending below the under surface of the body and adapted to fit over the teeth of

a saw; a slide movably secured with said groove and having an enlarged head recessed to receive a tool.

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

JOSEPH WESELY.

Witnesses:

JOS. R. YOUNG,
R. SHELTON.