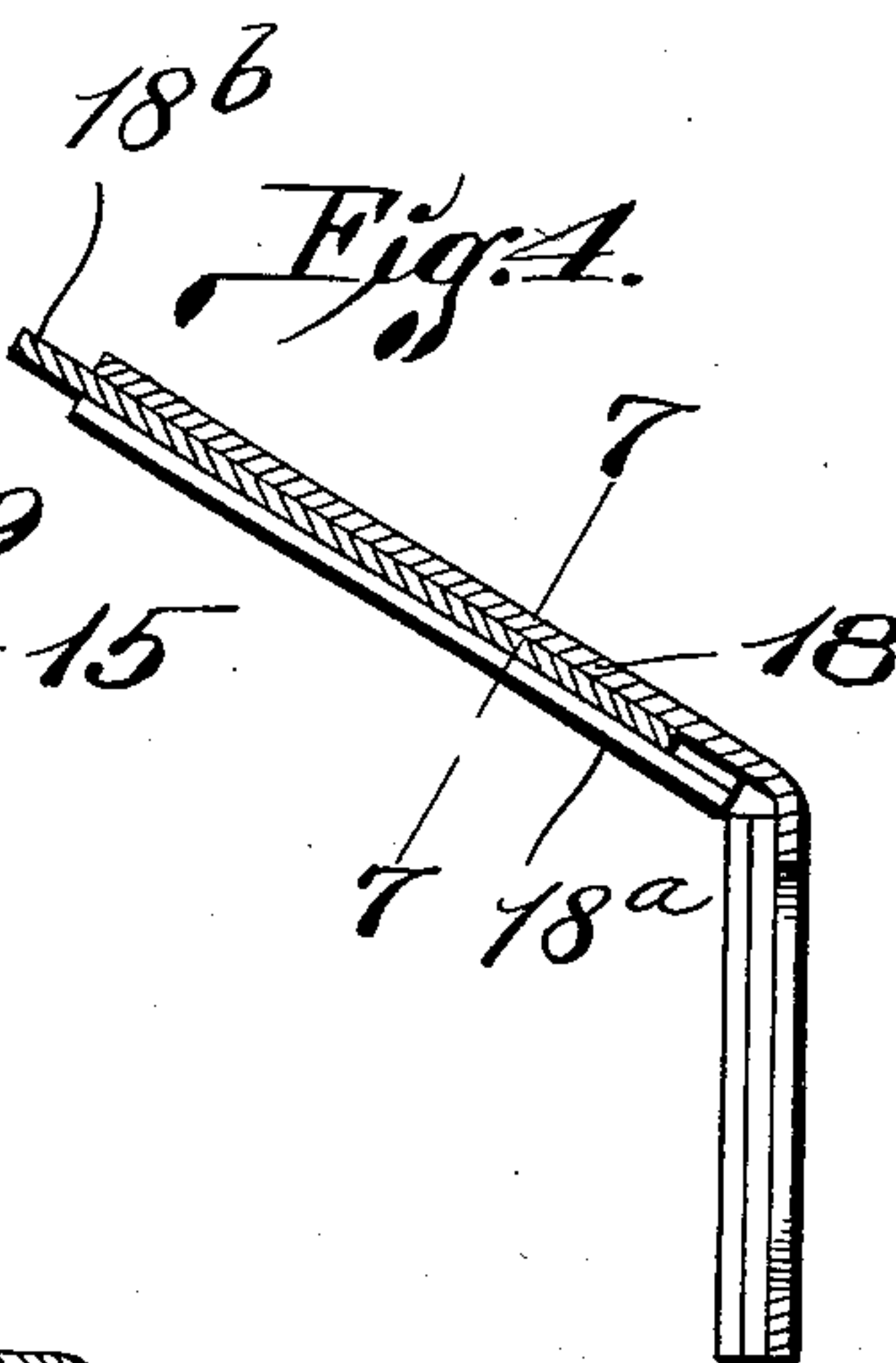
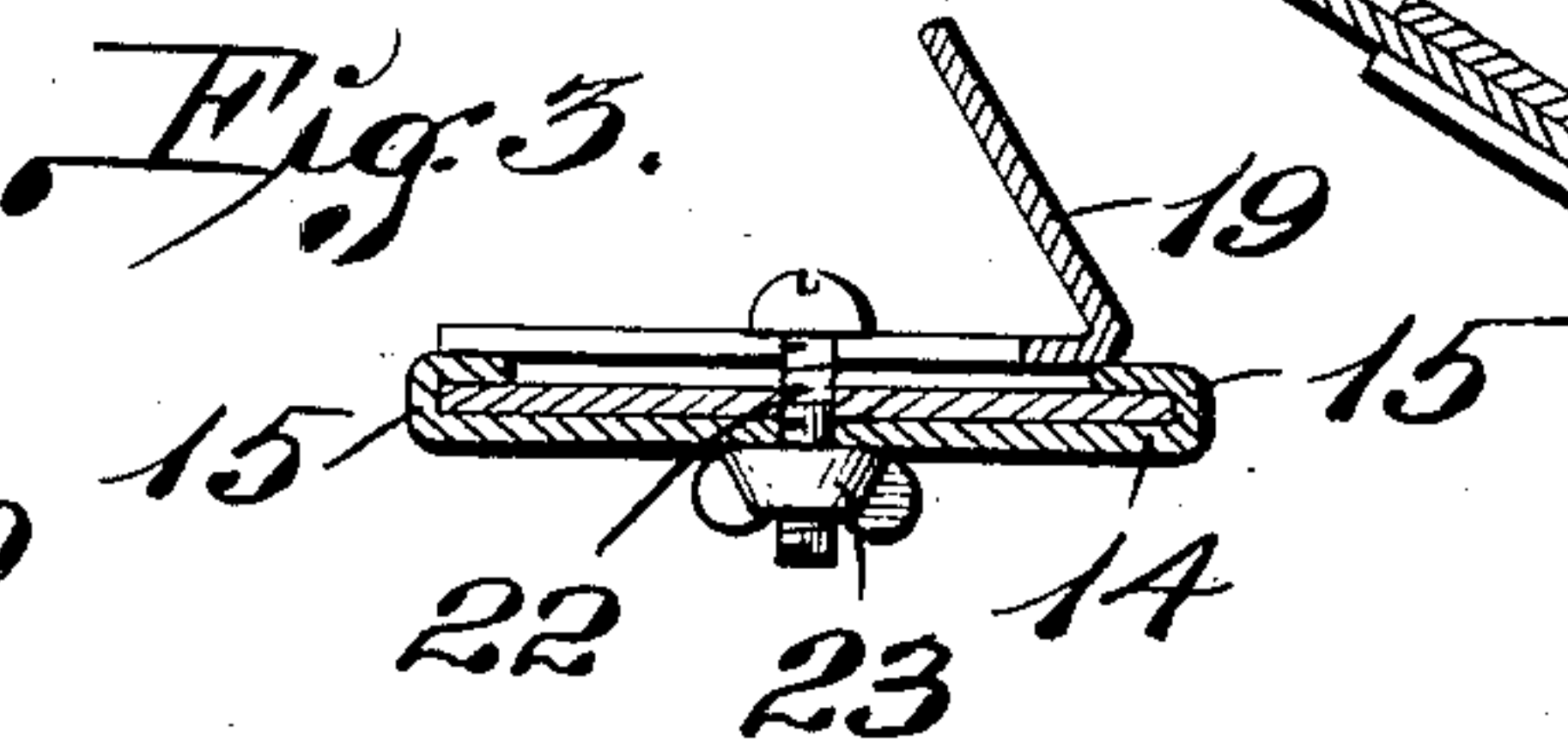
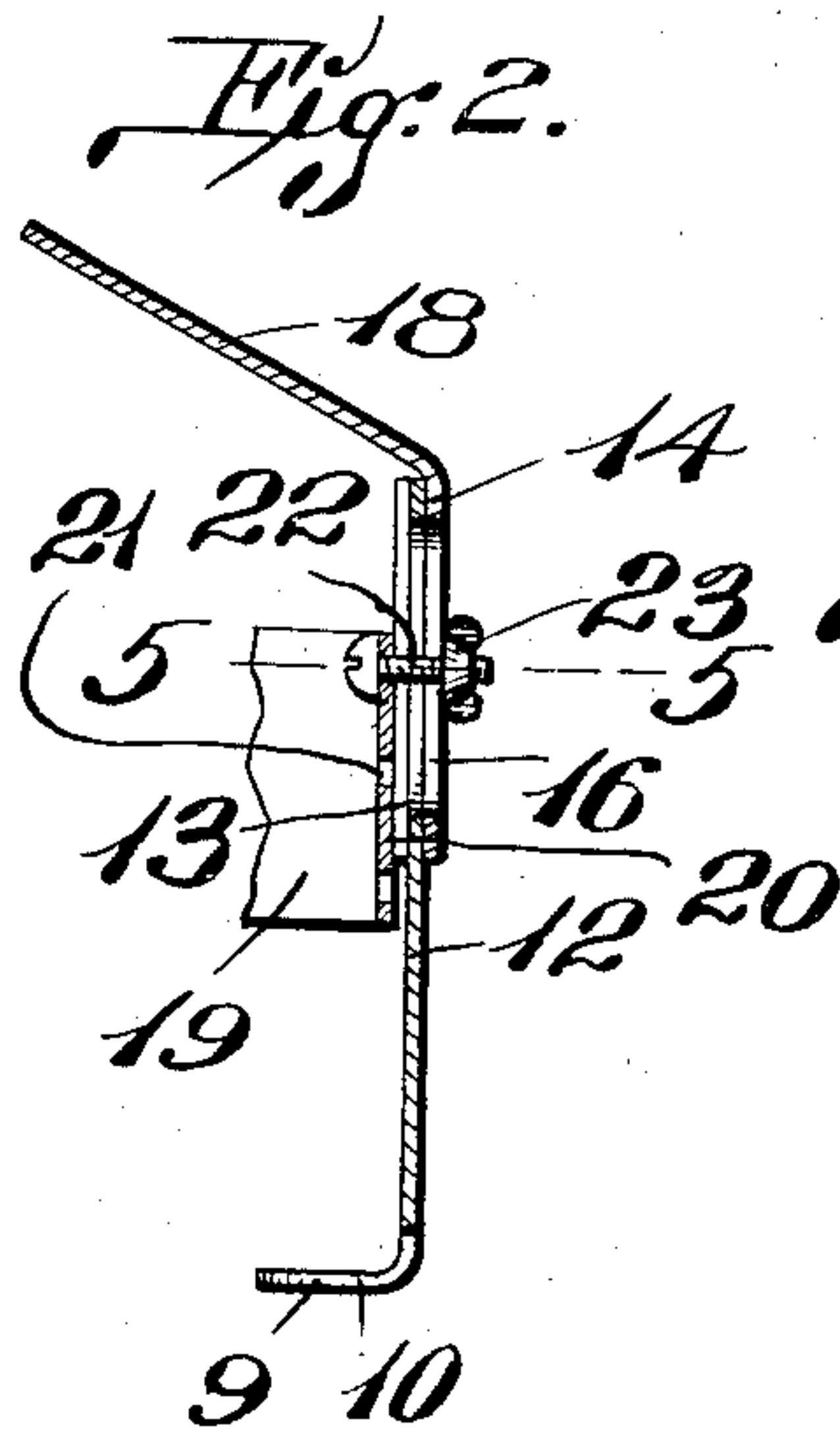
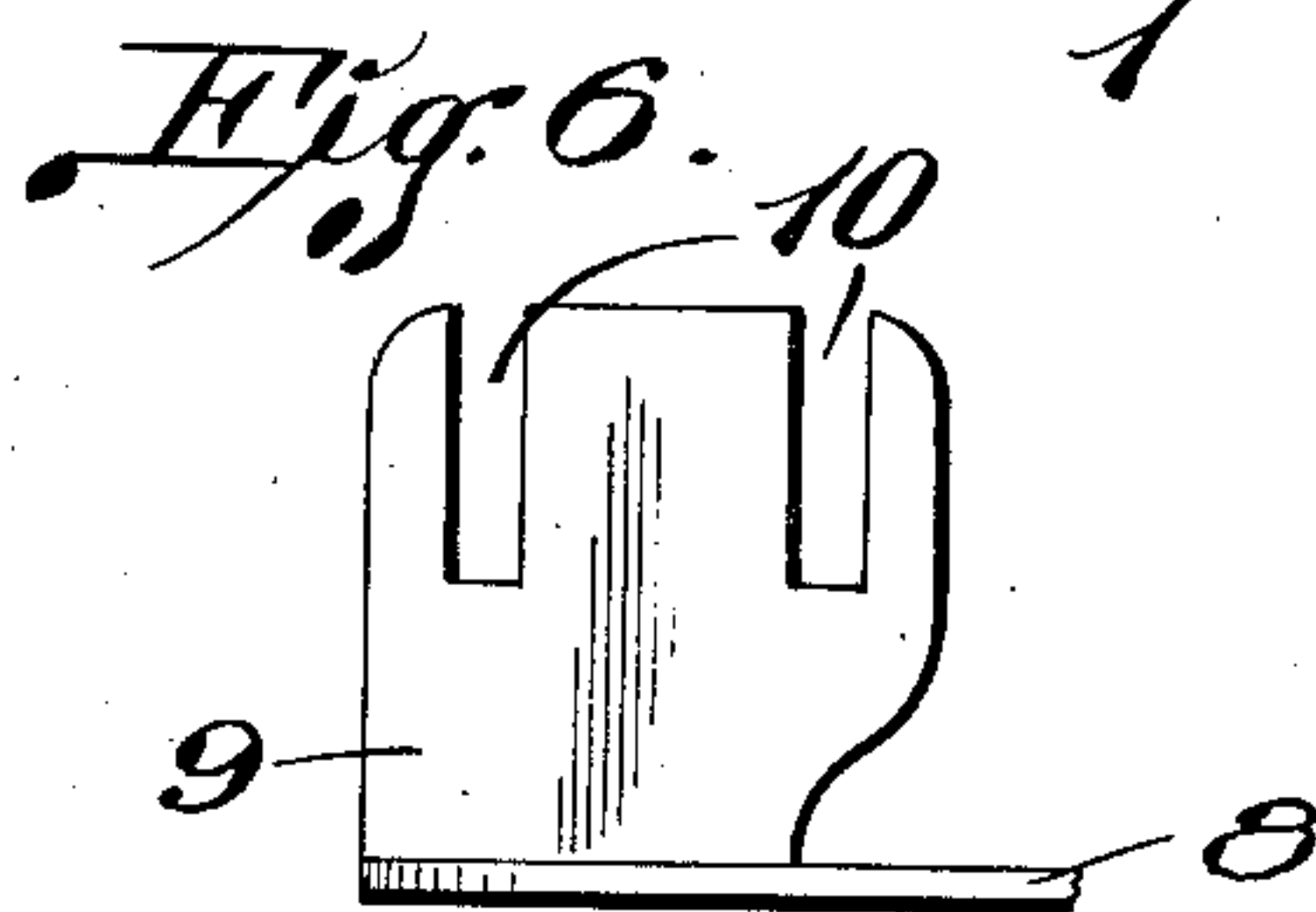
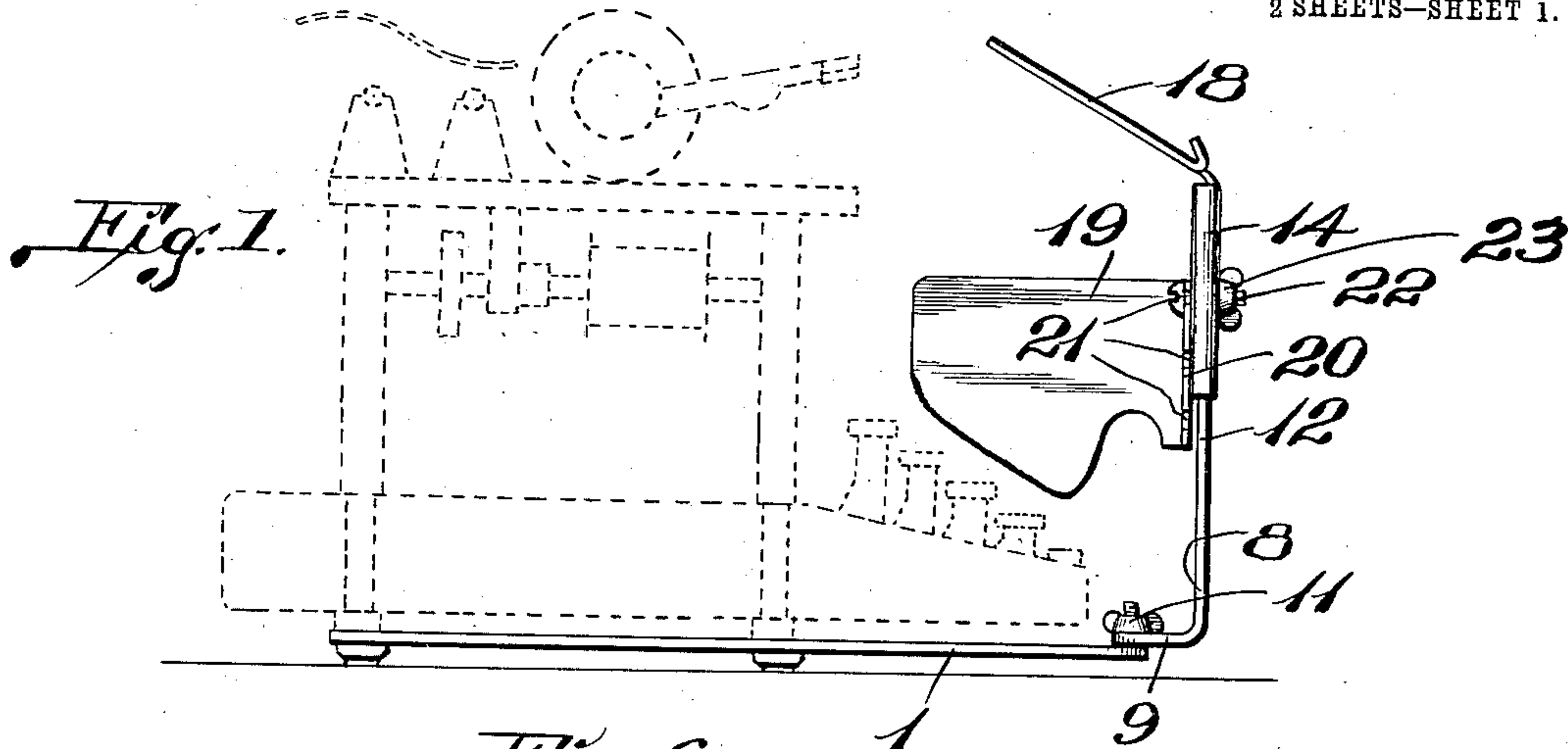


C. C. CHRISMAN.
TYPE WRITER.
APPLICATION FILED DEC. 20, 1907.

918,283.

Patented Apr. 13, 1909.

2 SHEETS—SHEET 1.



Attest.
E. M. Harrington.
W. D. Smith

Inventor:
C. C. CHRISMAN.
BY Higdon & Horgan
ATTYS.

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2 SHEETS—SHEET 2.

Fig. 8.

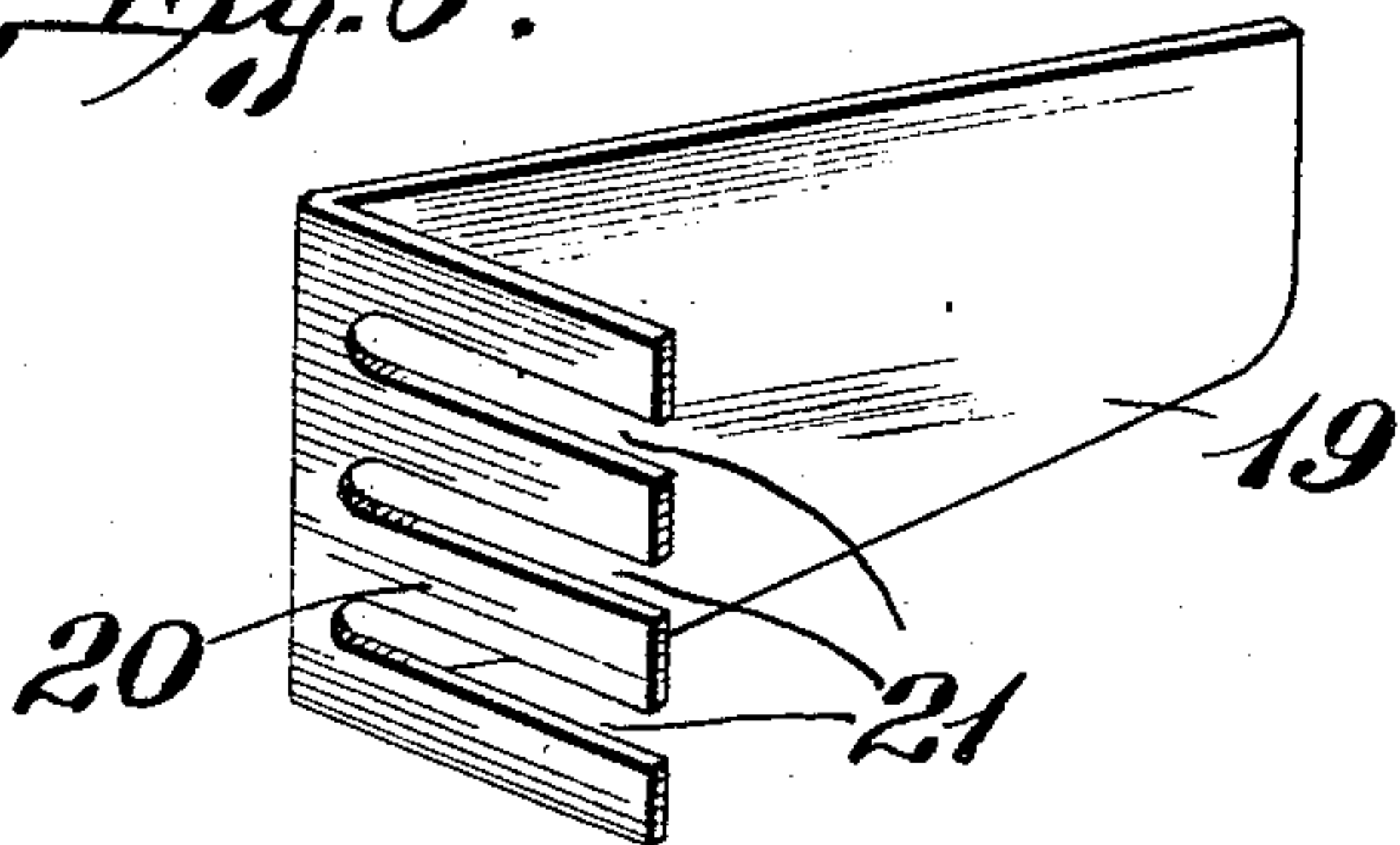


Fig. 9.

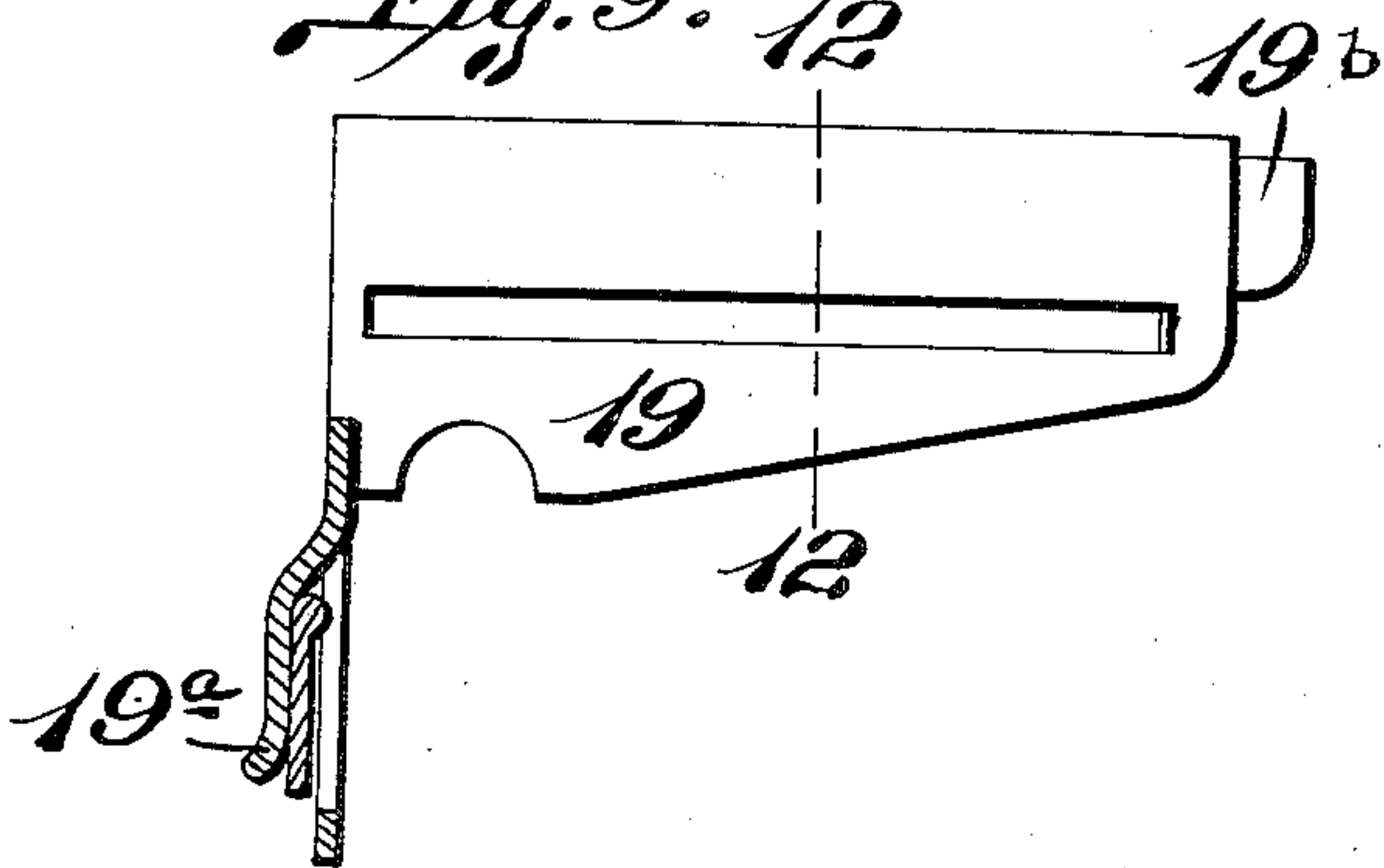


Fig. 10.

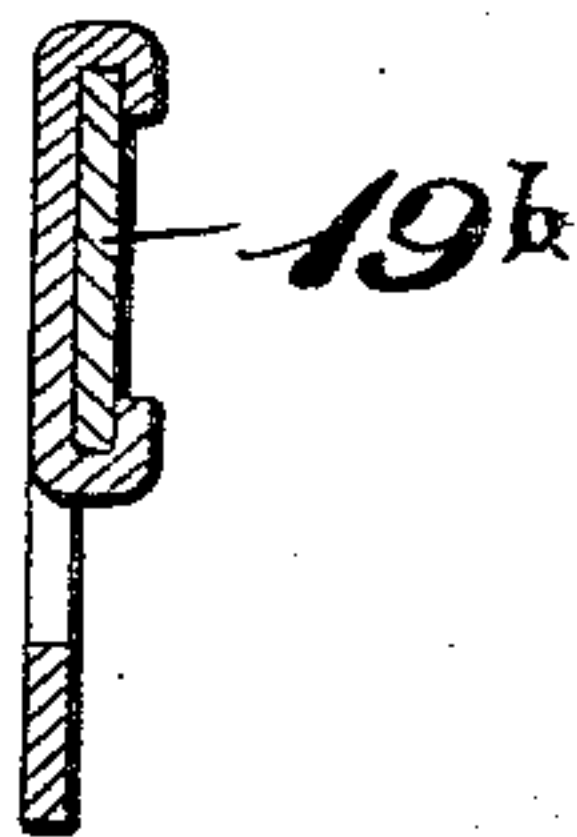


Fig. 11.

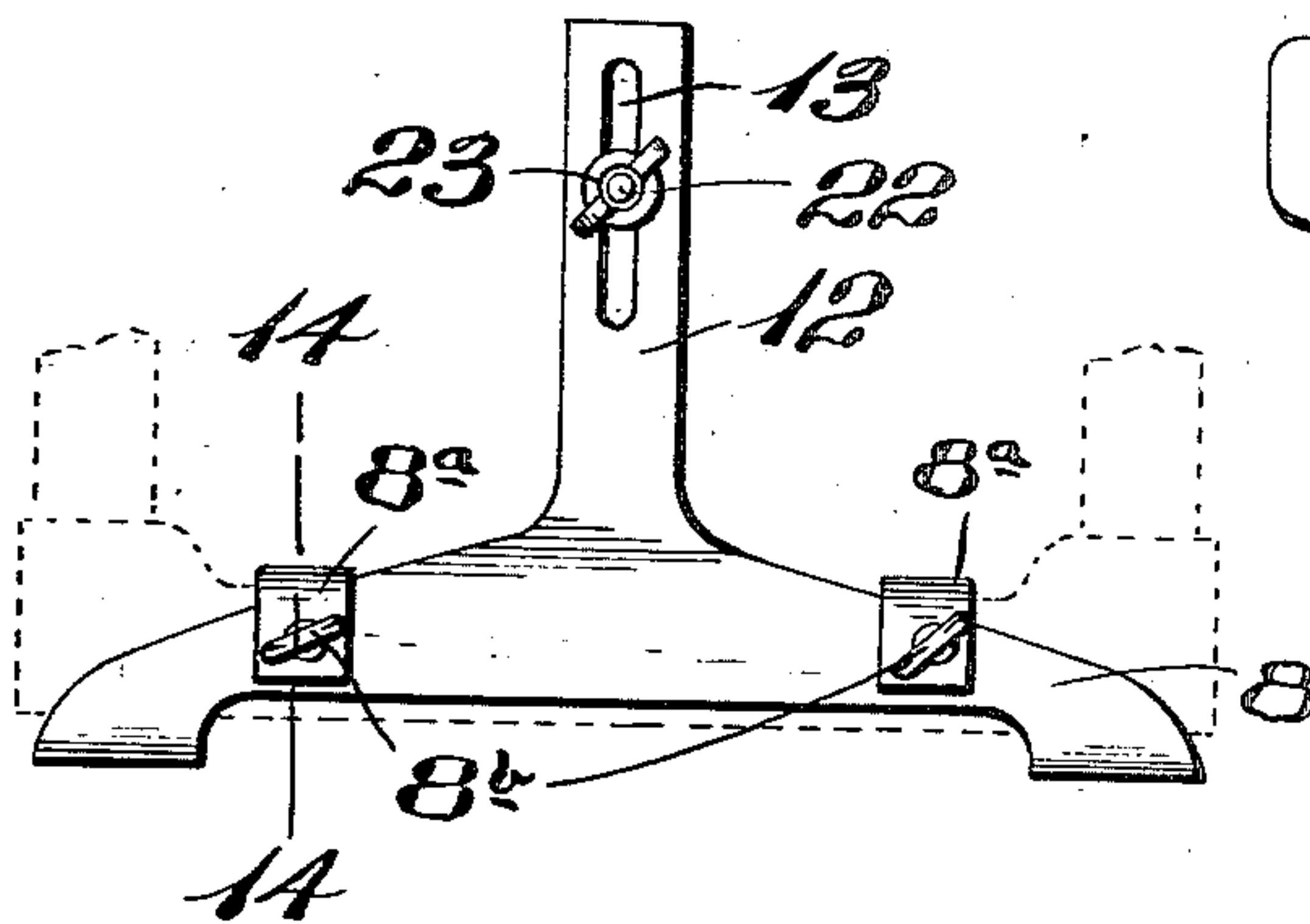
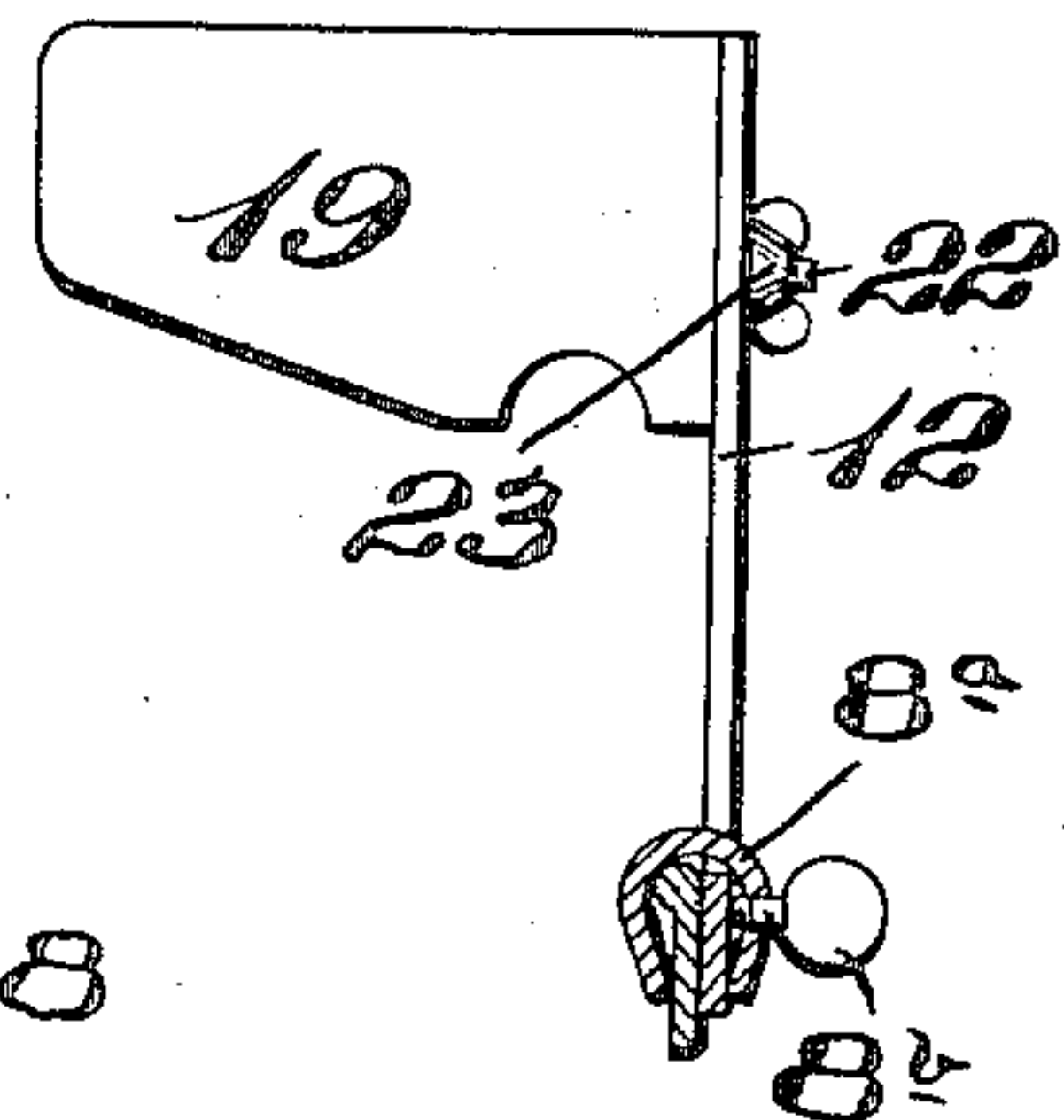


Fig. 12.



Attest.
Edgar T. Farmers.
M. P. Smith

Inventor
C. C. CHRISMAN.
BY
Hudson Sougan ATTS.

UNITED STATES PATENT OFFICE.

CLARENCE C. CHRISMAN, OF ST. LOUIS, MISSOURI.

TYPE-WRITER.

No. 918,283.

Specification of Letters Patent.

Patented April 13, 1909.

Application filed December 20, 1907. Serial No. 407,398.

To all whom it may concern:

Be it known that I, CLARENCE C. CHRISMAN, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Type-Writers, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an attachment for typewriters, comprising an adjustable blind and guide, to be used in teaching what is commonly known as the "touch system" of typewriting.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation of a typewriter keyboard guide and blind in position for use; Fig. 2 is a vertical section taken through the center of the support for the keyboard guide and blind; Fig. 3 is an enlarged horizontal section taken on the line 5—5 of Fig. 2; Fig. 4 is a vertical section similar to Fig. 2, and showing an expanding blind; Fig. 5 is a section taken on the line 7—7 of Fig. 4; Fig. 6 is a plan view of one of the feet of the standard which supports the blind and guide; Fig. 7 is a horizontal section showing the position of the guide relative to the keyboard of the typewriter; Fig. 8 is a perspective view of the guide detached from the standard; Fig. 9 is an elevation, partly in section, and showing a modified form of the guide; Fig. 10 is a vertical section taken on the line 12—12 of Fig. 9; Fig. 11 is a front elevation of the modified form of the standard which carries the guide and blind; and Fig. 12 is a section taken on the line 14—14 of Fig. 11.

Referring by numerals to the accompanying drawings: 1 designates the typewriter base, which is rectangular in form, and on which the typewriter is positioned, as shown by dotted lines in Fig. 1.

The member which is positioned on the front of the base 1 and which supports the keyboard guide and blind comprises a vertically disposed plate 8, the ends of which are bent into horizontal planes to form feet 9, which are slotted, as designated by 10, in order to receive set screws 11, which are seat-

ed in the front portion of the base 1, and thus adjustably secure the plate 8 in proper position.

Formed integral with the center of the plate 8 is a standard 12, in the upper end of which is formed a vertically disposed slot 13; and arranged to slide vertically on said slotted standard is a vertically disposed plate 14, the side edges of which are bent around the edges of the standard 12, as designated by 15; and formed in said plate 14 is a slot 16, which coincides with the slot 13 when the parts of the device are assembled for use.

Formed integral with the upper end of the plate 14 is a plate 18, which is inclined to correspond with the inclination of the keyboard of the typewriter, and which plate performs the function of a blind to hide the keyboard from the vision of the operator, when the latter is seated in proper position in front of the machine.

The division plate or guide for the operator's hands comprises a vertically disposed plate 19, which, when the attachment is in use, is positioned immediately over the center of the keyboard, as shown in Figs. 1 and 7; and formed integral with the front end of this guide is a wing 20, in which is formed a series of horizontally disposed slots 21.

When the attachment is in position for use, this wing is positioned immediately against the rear side of the standard 12, and the bolt 22 passes through one of the slots 21 through the coinciding slots 13 and 16, and the outer end of said bolt receives a winged nut 23, thus providing means for adjustably and rigidly uniting the standard 12, plate 14, and guide 19.

In teaching the "touch system" of typewriting, the operator's hands are placed on the keyboard 1 on each side of the plate 19, which divides the keyboard into two parts, and therefore performs the function of a guide for the ends of the fingers of the operator; and the plate 18 arranged immediately over the keyboard prevents the operator from seeing the location of the various keys.

In Fig. 4 I have illustrated the plate 18 as being provided at its ends with bent over edges 18^a, and adapted to slide beneath said plate, between said edges, is an extension plate 18^b, thus providing an expanding blind which may be adjusted to suit different sized keyboards.

In Figs. 9 and 10 I have shown a modification of the guide plate 19, and which guide

plate is provided with a spring clip 19^a, which engages over the front portion of the typewriter frame, and there being a plate 19^b arranged to slide on the plate 19 for the purpose of extending said guide plate rearward.

In Figs. 11 and 12 I have shown a modified arrangement for attaching the base 8 direct to the front of the typewriter frame, which arrangement comprises a pair of inverted U-shaped spring clips 8^a, through which pass set screws 8^b, which construction permits the base 8 and standard 12, and parts carried thereby, to be attached to a typewriter independent of the base 1.

I claim:—

1. An attachment for typewriters, comprising a base, a support fixed to the base and arranged in front of the key board of the typewriter, a vertically disposed plate projecting rearward from the support over the key board, and a second plate supported by the support above the first plate, and which second plate covers the typewriter key board.

2. The combination with a typewriter base, of a support adjustably positioned on the front of the base, a vertically disposed plate projecting rearward from the support over the key board, and a second plate supported by the support above the first plate, and which second plate covers the typewriter key board.

3. An attachment for typewriting machines and the like, comprising a base, a

standard adjustably fixed thereto, a plate adjustably arranged on the upper end of the standard, and which plate covers the keyboard of the writing machine, and a vertically disposed plate adjustably secured to the standard and extending between the keyboard and the first mentioned plate and dividing the keyboard into two sections.

4. An attachment for typewriters, and the like, comprising a base, a support adjustably fixed thereto, an expansible plate adjustably arranged on the upper end of the support, and which expansible plate covers the keyboard of the writing machine, and a vertically adjustable plate secured to the support and extending between the keyboard and the first mentioned plate.

5. An attachment for writing machines, comprising a base, a standard adjustably fixed thereto, a vertically disposed plate adjustably arranged on the standard, and which vertically disposed plate extends rearward over the keyboard of the writing machine to divide said keyboard into two sections.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

CLARENCE C. CHRISMAN.

Witnesses:

M. P. SMITH,
E. L. WALLACE.