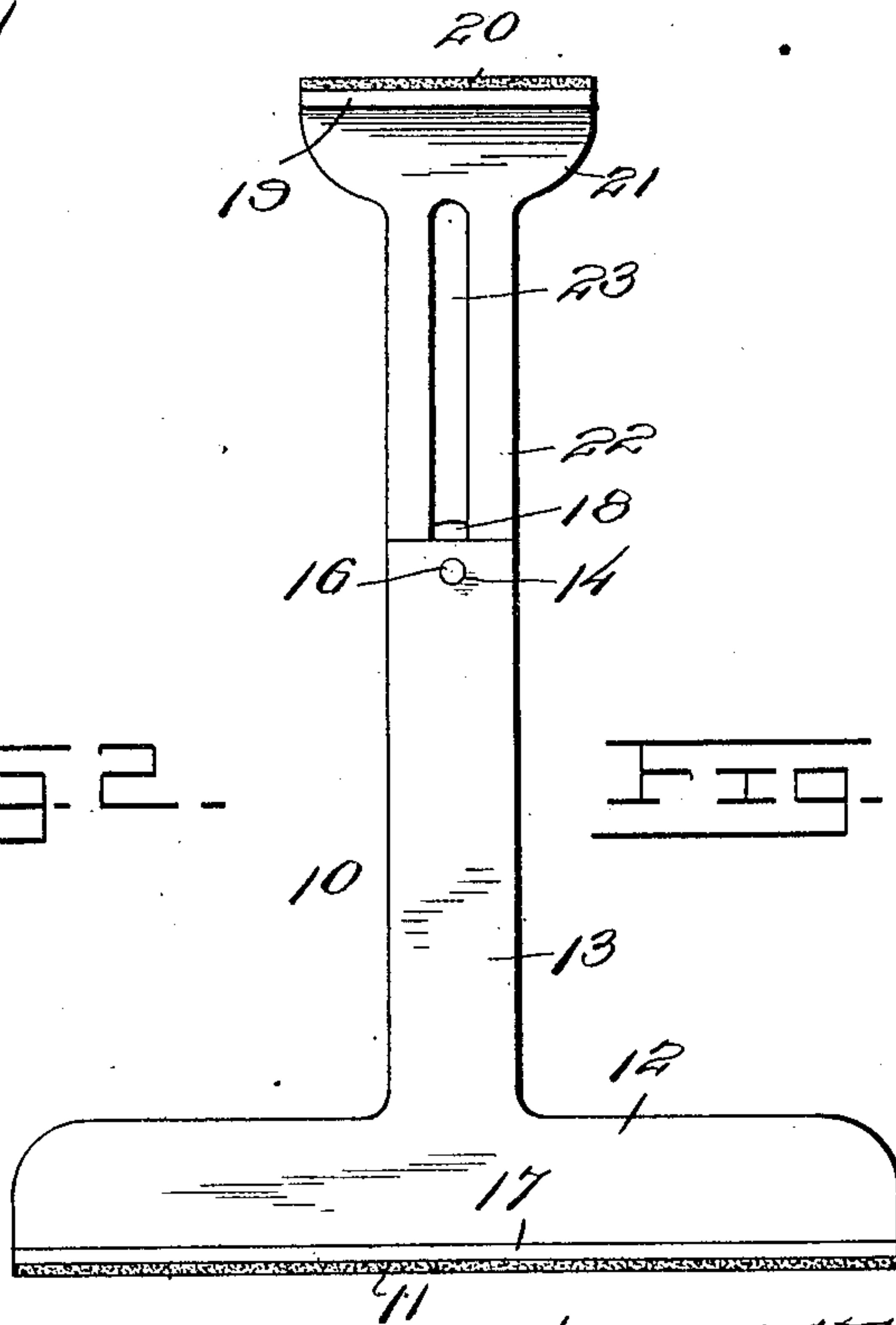
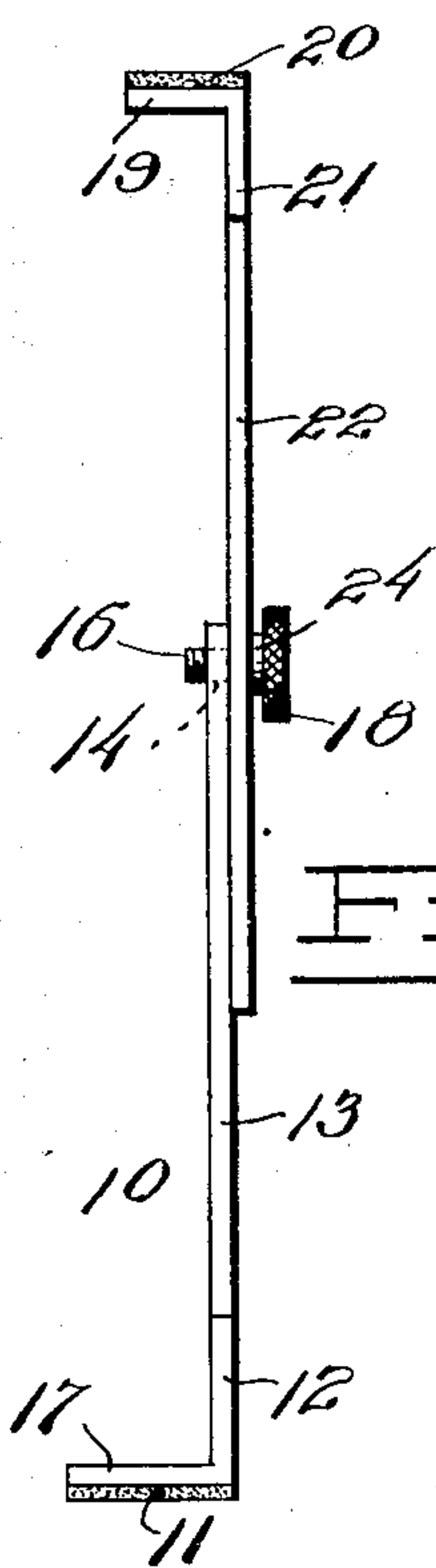
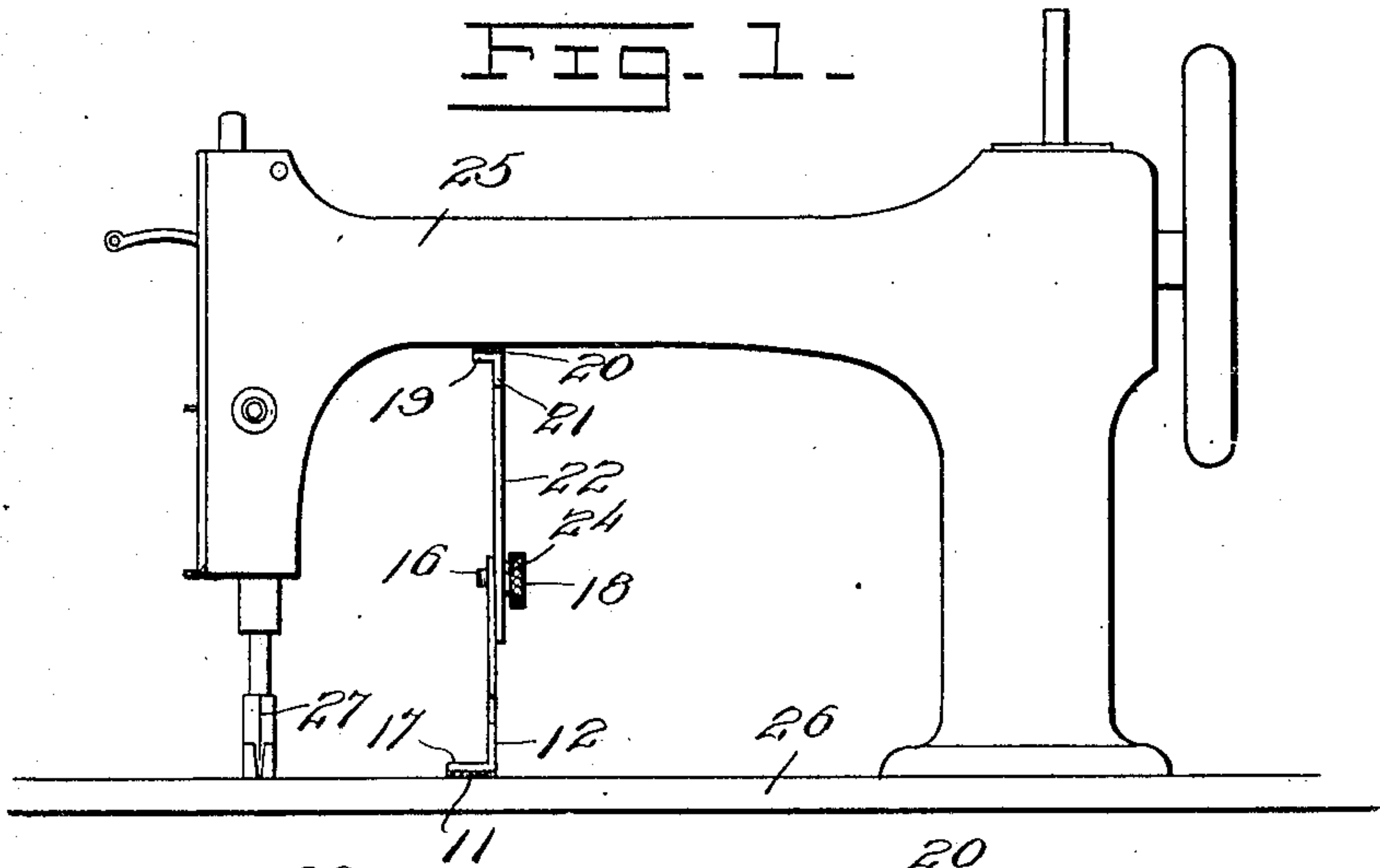


S. F. ATKINSON.
ADJUSTABLE GAGE.
APPLICATION FILED MAY 13, 1908.

916,252.

Patented Mar. 23, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

SUSAN F. ATKINSON, OF McVEYTOWN, PENNSYLVANIA.

ADJUSTABLE GAGE.

No. 916,252.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed May 13, 1908. Serial No. 432,688.

To all whom it may concern:

Be it known that I, SUSAN F. ATKINSON, a citizen of the United States, residing at McVeytown, in the county of Mifflin and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Gages, of which the following is a specification.

This invention relates to improvements in sewing machine attachments and has special reference to a gage for hemming and tucking.

An object of the invention is to produce a device that will admit of the working of a deeper hem than has heretofore been employed and also will admit of the gaging of a wide tuck.

Another object is to provide a device that will be easily applied to a machine of any construction and that will be adjustable thereon to measure hems and tucks of various widths.

The invention has for a further object in the provision of such a device that will be simple of construction and application and will be durable and strong in all its parts.

A still further object is to form a device of this character so that it can be stamped from sheet metal this producing a device that will cost but little in its manufacture and consume but a short time in its production.

Other objects and advantages will be apparent from the following description and it will be understood that changes in the specific structure shown and described may be made within the scope of the claims and that any suitable materials may be used without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of a machine having this device applied thereto, Fig. 2 is a side elevation of the gage, Fig. 3 is an edge elevation of the same.

Referring to the drawings, 10 designates the base of the device which comprises a rectangular metallic strip which is flanged to form a base portion 17 and a flange 12 carrying upon its under supporting face a strip of rubber 11 or like material to act as a cushion and a gripping member. The upwardly projecting flange 12 of said base 10 carries intermediately of its upper edge an arm 13 disposed in a vertical plane. In the upper end of said arm 13 an aperture 14 is formed carrying internal threads for securing a set

screw 16. The set screw 16 has an enlarged head 18 the edge of which is knurled to form a frictional surface which is grasped by the hand. The upper engaging portion of the gage comprises a metallic plate which is bent at right angles to form an engaging portion 19 which carries upon its upper contacting surface a strip of rubber 20 or like material and a downwardly extending flange 21 carrying intermediately of its lower edge a depending arm 22. The slot 23 corresponds in width with the diameter of the aperture 14, and the arm 22 carrying said slot 23 is adapted to be frictionally engaged against the inner face of the arm 13 and held in such position by a shoulder 24 formed by the enlargement of the set screw 16 at a point in juxtaposition to said knurled head 18.

In Fig. 1 where the device is shown as applied to a machine the arm 25 of which supports the upper contacting surface of the rubber cushion 20 upon its under side while the rubber base 11 is impinged against the base plate 26.

The method of applying this device is apparent. The base 10 is placed upon the base plate 26 in such a position that the portion 17 extends toward the needle 27 of the machine. The base 10 is moved along the base plate 26 until the proper distance is obtained where it is held by the hand while the upper arm 22 is extended upward until the contacting rubber cushion 20 abuts against the under surface of the arm 25 and is held in such engagement by the set screw 16 which is tightened to clamp the two arms 13 and 22 into engagement with one another to hold the gage rigidly in the required position.

What is claimed is:

A device of the character described comprising a base, said base comprising a base portion and a flange, an arm upwardly extended from said flange, a set screw carried by said arm in an aperture formed in said arm, an upper contacting portion, a downwardly extending arm from said contacting portion having a slot formed therein, said slot engaging said set screw, and resilient cushions carried by said contacting portion and said base portion.

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

SUSAN F. ATKINSON.

Witnesses:

A. V. CHILCOTE,
WM. S. SETTLE.