

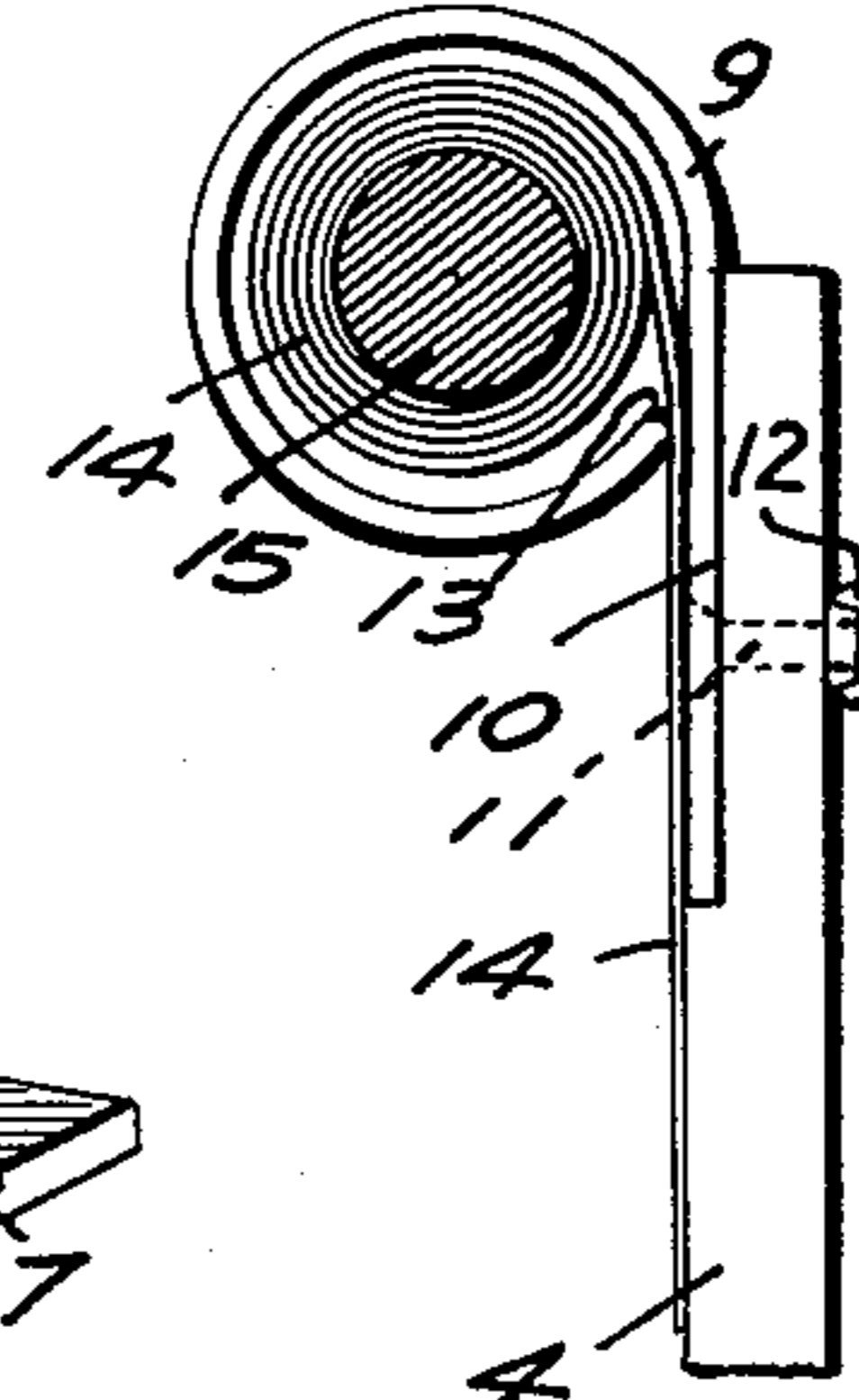
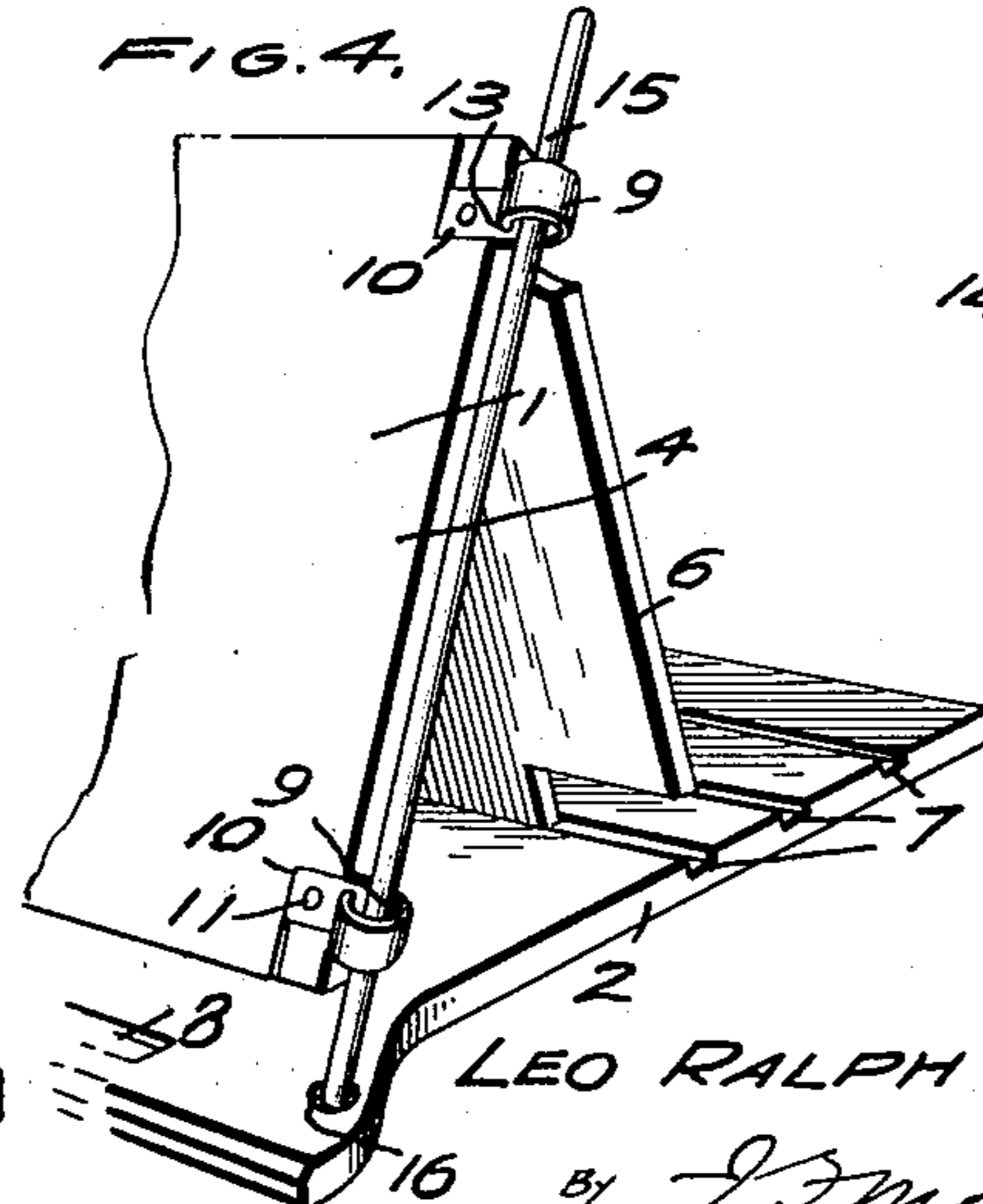
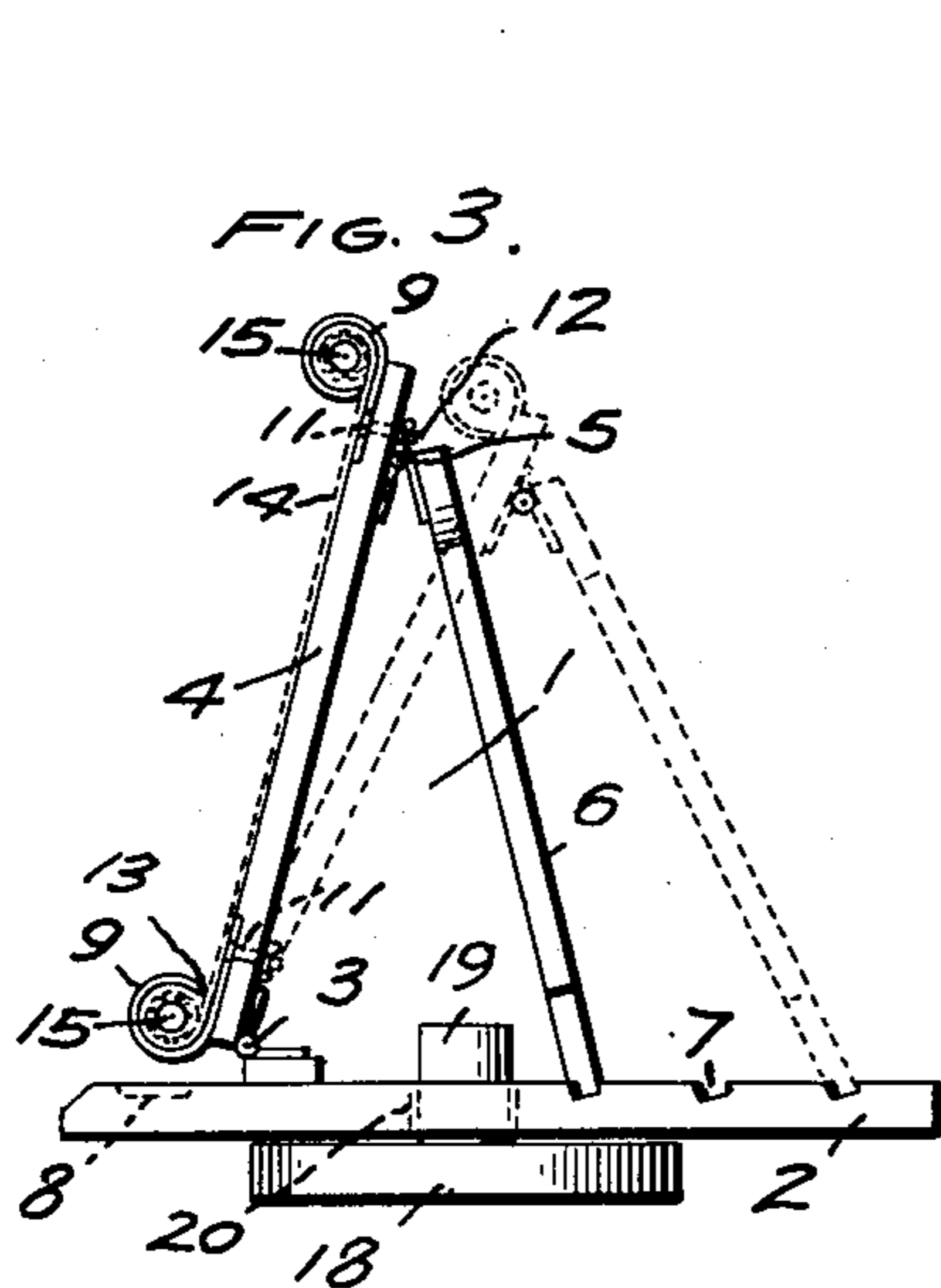
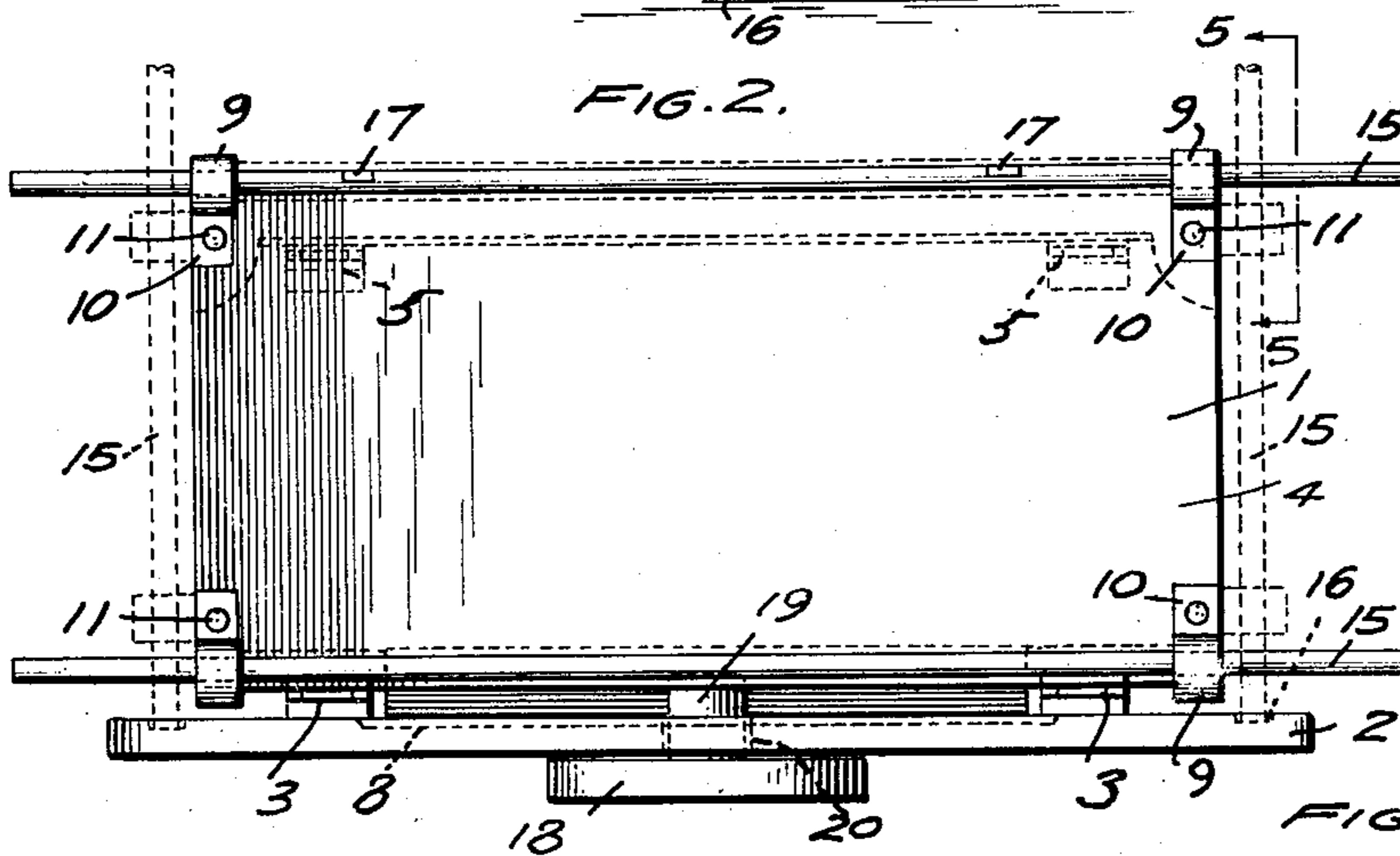
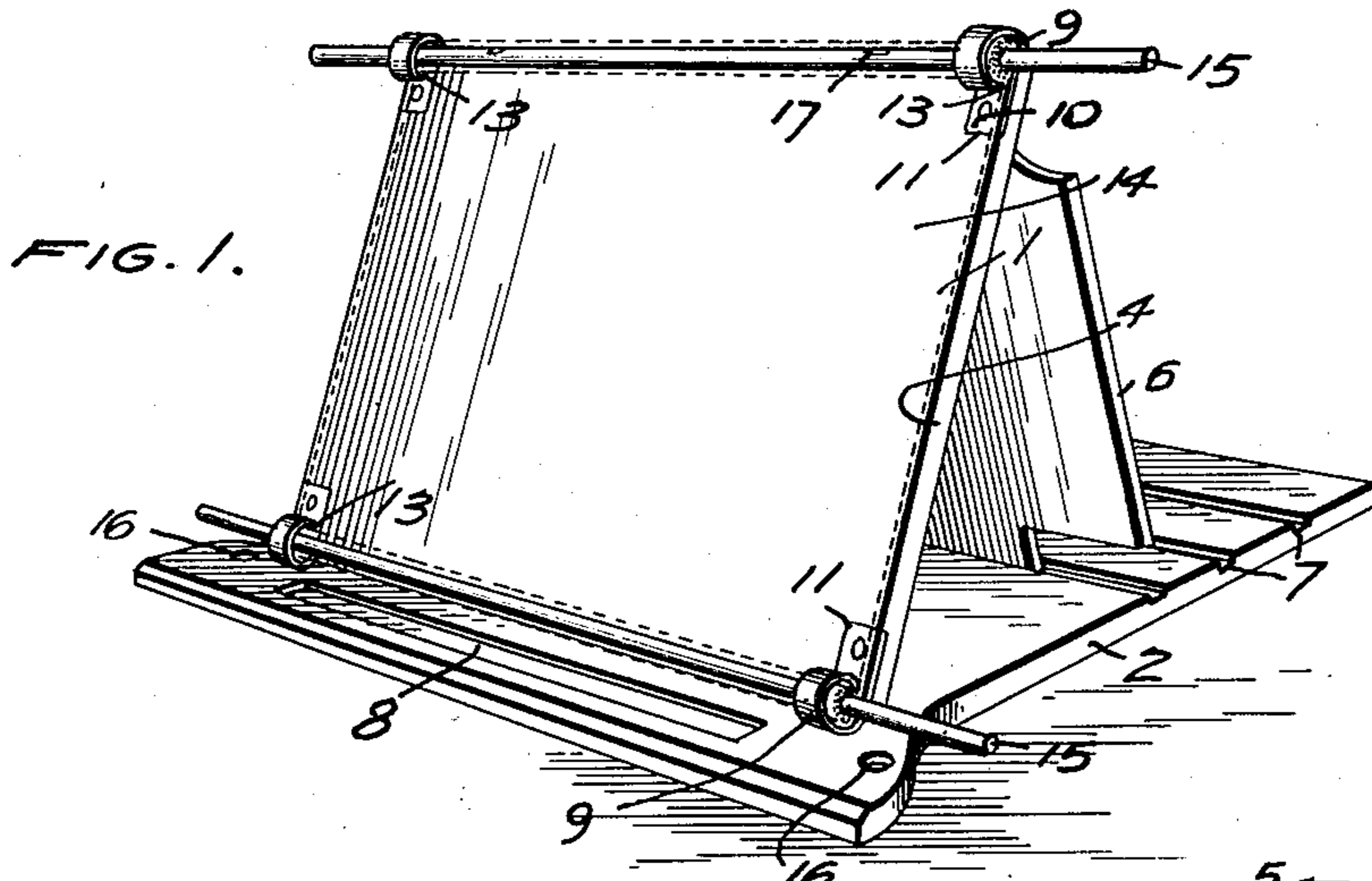
Jan. 23, 1951

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DRAWING PAPER HOLDER

2,538,783

Filed Dec. 5, 1946

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

FIG. 6.

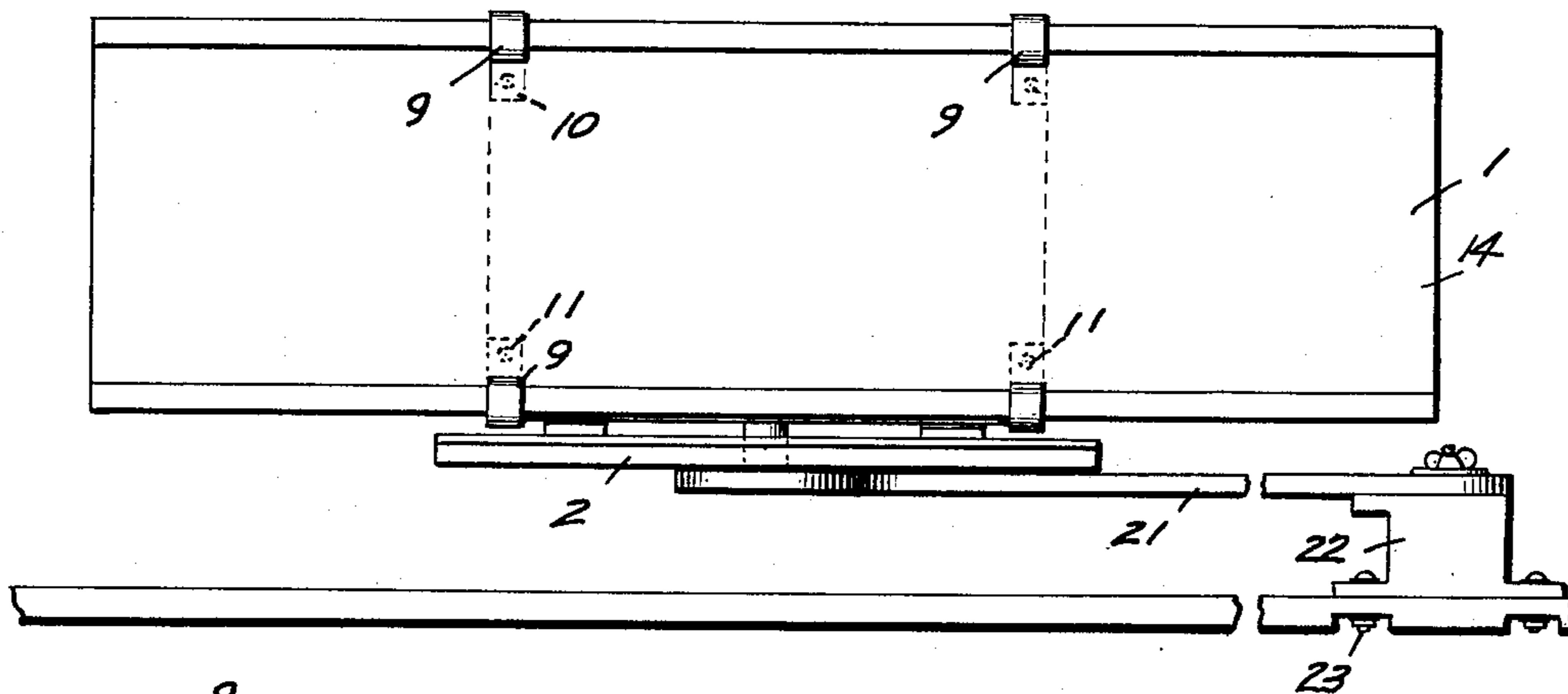


FIG. 7.

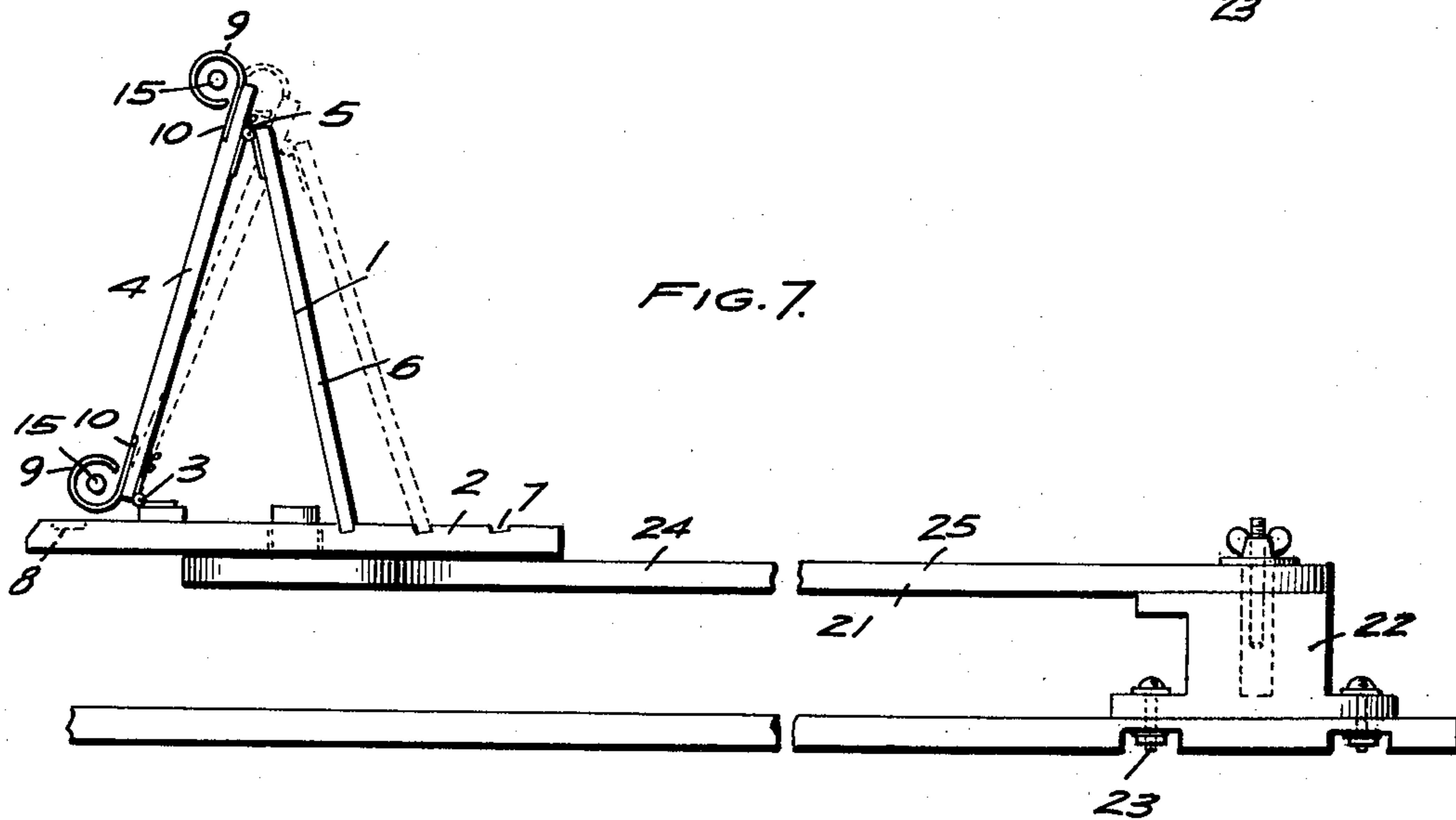
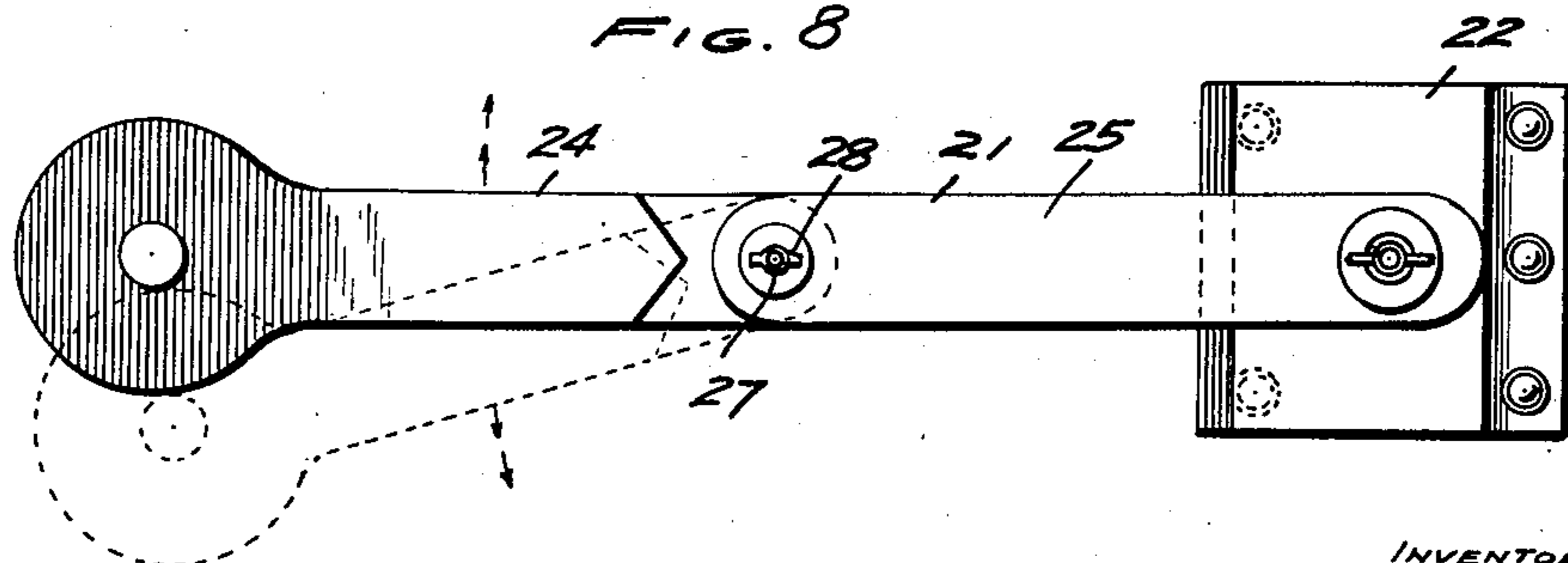


FIG. 8.



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DRAWING PAPER HOLDER

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Application December 5, 1946, Serial No. 714,227

3 Claims. (Cl. 40—86)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

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The invention described herein may be manufactured and used by or for the Government of the United States for governmental purposes without the payment to me of any royalty thereon in accordance with the provisions of the act of April 30, 1928 (Ch. 460, 45 Stat. L. 467).

This invention relates to a drawing paper holder and has for its object to conveniently position drawing paper on a drafting table or the like.

With this object in view, the invention consists of the construction which permits the drawing paper to be mounted on rollers which are disposed horizontally of the holder and which also permits the drawing paper to be mounted on rollers which are disposed vertically of the holder. Specifically the invention consists of the construction which permits the paper mounting rollers to be changed from a horizontal position on the holder to a vertical position thereon.

The invention also consists of certain other details of construction and combinations of parts, all of which will first be fully described and afterwards specifically pointed out in the appended claims.

Referring to the accompanying drawings:

Fig. 1 is a perspective view of the drawing paper holder with its paper mounting rollers in horizontal position.

Fig. 2 is a front elevation of the same.

Fig. 3 is a side elevation showing the holder in two positions.

Fig. 4 is a fragmentary perspective view of the holder with its paper mounting rollers in vertical position.

Fig. 5 is an enlarged fragmentary view of one of the paper mounting rollers with drawing paper thereon within one of its adjustable roller retaining ring brackets, taken on line 5—5 of Fig. 2.

Fig. 6 is a front elevation of the drawing paper holder on a modified form of swivelling mounting arms.

Fig. 7 is a side elevation of the same, and

Fig. 8 is a plan view of the preferred form of the mounting arm for the drawing paper holder.

Like numerals of reference indicate the same parts throughout the several figures, in which:

1 indicates the drawing paper holder which is essentially of easel formation and including a base 2 to which is hinged at 3 (Fig. 3) a front board 4, which is itself hinged at 5 (Fig. 3) to a similar board or back 6 which is adapted to rest in one of a series of grooves 7 formed in the base 2, so that the front board 4 may be tilted into various positions as indicated in Figs. 3 and 7.

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The base 2 may also be provided with an elongated recess 8 along the front edge thereof for the reception of pens, pencils or the like.

At each of the four corners of the front board 4 is pivotally mounted a roller retaining ring bracket 9. These brackets 9 have flat portions 10 adapted to lie flat on the face of the board, each to receive a bolt 11 which passes through the board 4, for the reception of a wing nut 12 on the rear face of the board 4, as best shown in Fig. 5.

Each of the ring brackets 9 is provided with an opening 13 through which the drawing paper 14 passes and is of a size to accommodate a roller 15 and the drawing paper 14 rolled thereon. As a result of this construction, the roller retaining ring brackets 9 may be swung from their vertical positions shown in full lines in Fig. 2 to the horizontal positions shown in dotted lines in said figure so that the rollers 15 may be supported in a horizontal position as shown in Figs. 1 and 2 or in a vertical position as shown in Fig. 4 and in dotted lines in Fig. 2. To support the rollers 15 when in vertical position, the base 2 may be provided with recesses 16 to receive the lower ends of the rollers, as best shown in Fig. 4, while the ends of the drawing paper may be secured to the rollers 15 in any suitable manner as by pieces of Scotch tape 17 as indicated in Fig. 2. By means of this construction the drawing paper 14 may be rolled on and supported by rollers 15 positioned horizontally on the board 4 or on the rollers when positioned vertically thereof.

The drawing paper holder may be positioned on a drawing table or the like in various ways. It may be simply pivoted on a support 18 which has a short post 19 passing through an aperture 20 suitably formed in the base 2 as shown in Figs. 2 and 3, or it may be pivotally mounted upon a swinging arm 21 pivoted to a block 22 conveniently positioned and secured to a table or the like as by bolts 23 (Figs. 6 and 7). The arm 21 is preferably of two sections 24 and 25 pivotally connected together as at 27 (Fig. 8) so that the section 24 may swing on the section 25, as indicated in dotted lines, and be secured in desired position, by a wing nut 28. By means of such construction the drawing paper holder may be disposed in the most convenient position when in use and swung into an out of the way position on the table when not in use.

Having thus described the invention, I claim:

1. A device for holding a paper sheet roll with a section thereof spread for display, the device comprising a sheet support member adapted to

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have such spread section disposed thereon, and ring brackets mounted on the support member for pivotal movement in a plane parallel therewith and adapted to embrace opposed rolled portions of the sheet for providing said spread section therebetween, said brackets being adapted to be swung into positions for holding said rolled portions adjacent the top and bottom of the support member as well as adjacent the sides thereof to dispose the spread section vertically as well as transversely of the support member.

2. A device for holding a paper sheet roll with a section thereof spread for display, the device comprising a board adapted to have such spread section disposed thereon, and ring brackets mounted on the board for pivotal adjustment in a plane parallel with the adjacent board surface, said brackets being adapted to embrace opposed rolled portions of the sheet for providing said spread section therebetween and to be pivotally adjusted to positions for holding said rolled portions adjacent the top and bottom edges of the board as well as adjacent the sides thereof to dispose the spread section vertically as well as transversely of the board.

3. A device for holding a paper sheet roll with a section thereof spread for display, the device comprising a base, a board projecting upwardly of the base and adapted to have such spread section disposed thereon, ring brackets mounted on the board for pivotal adjustment parallel with

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the plane of the adjacent board surface, the brackets being adapted to embrace opposed rolled portions of the sheet for providing said spread sections therebetween and to be pivotally adjusted to positions for holding said rolled portions adjacent the top and bottom edges of the board to dispose the display section vertically of the board and also to be pivotally adjusted to positions for holding the rolled portions adjacent the sides of the board to dispose the display section transversely of the board, and a pair of rods projecting one each through said rolled portions, and means on the base for retaining the lower ends of the rods when the latter are disposed in an upright position.

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