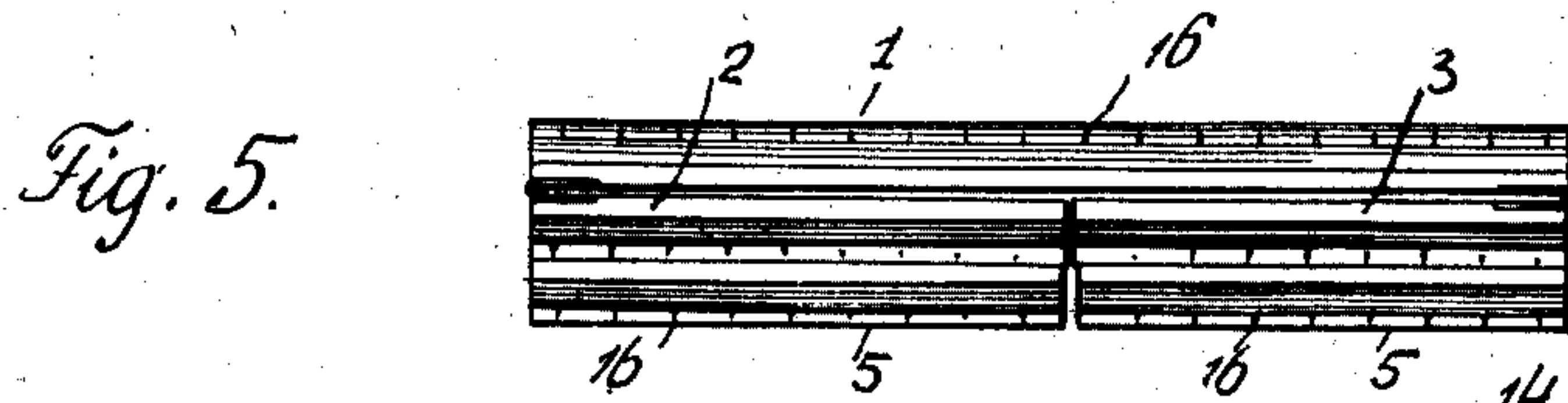
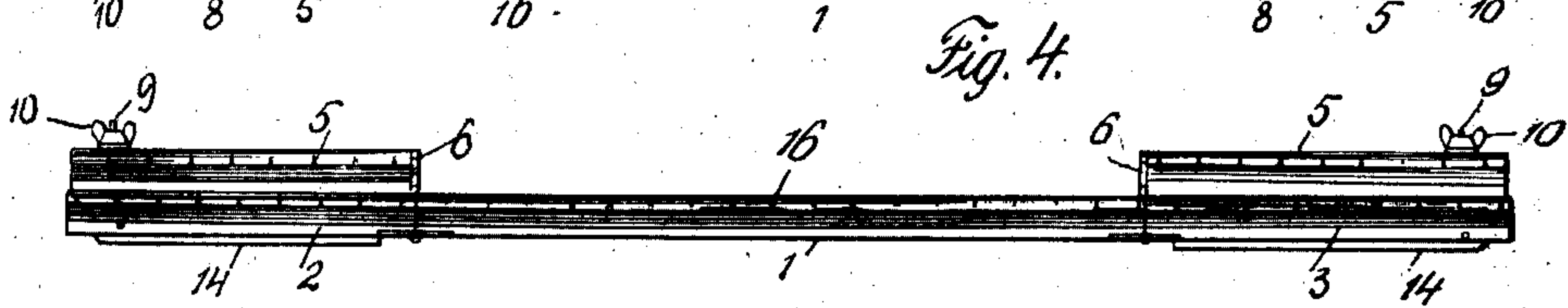
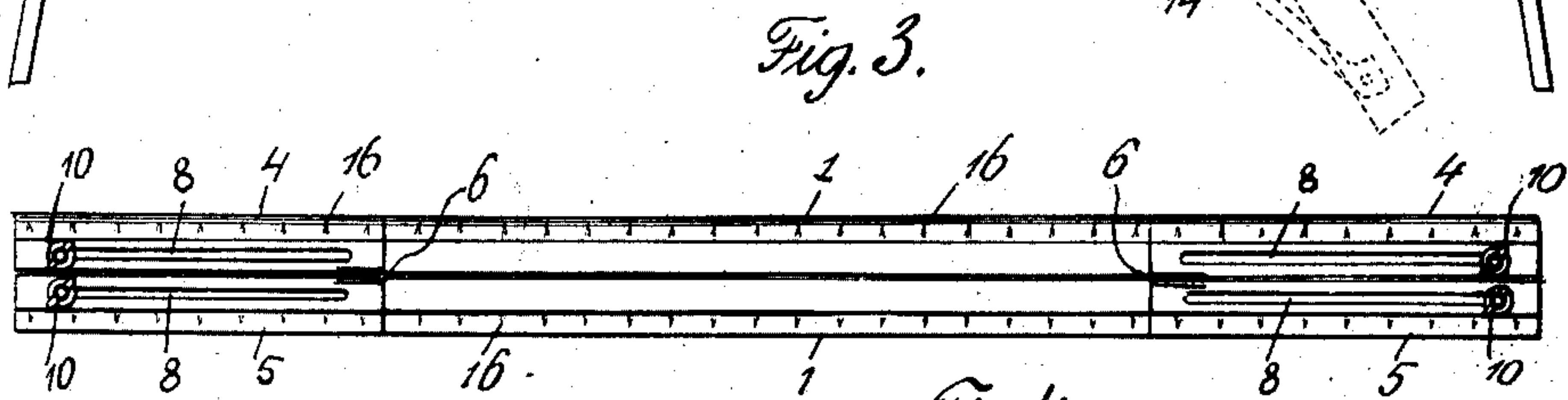
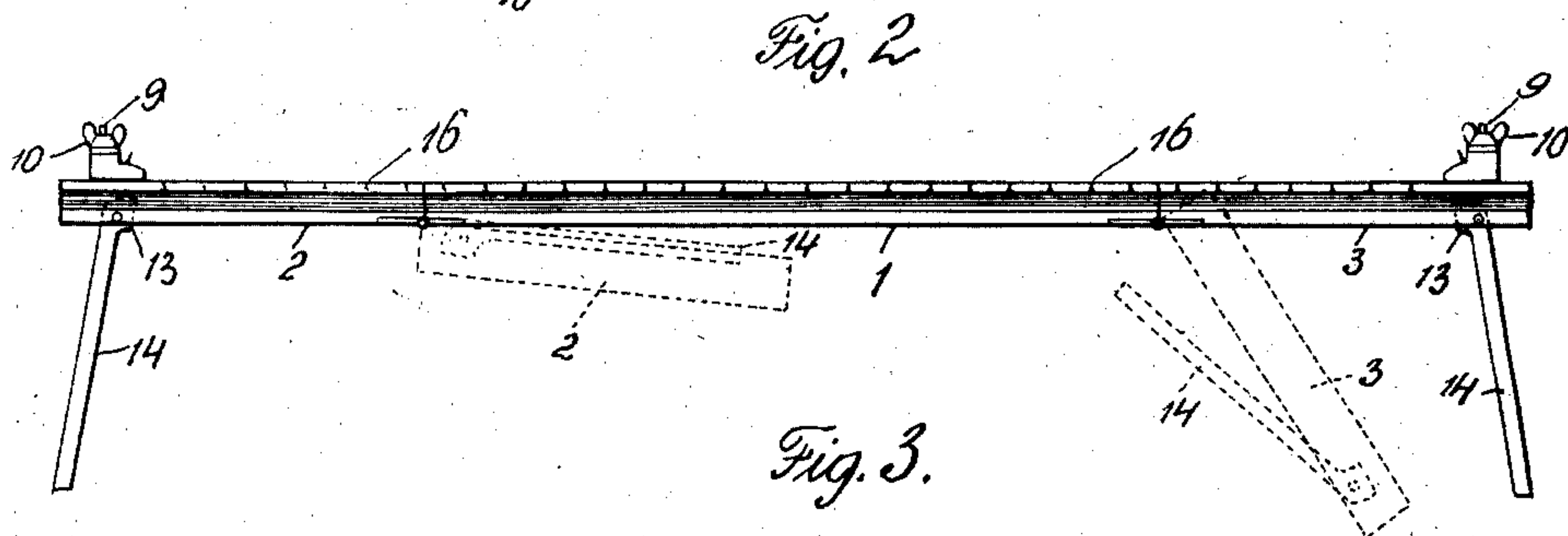
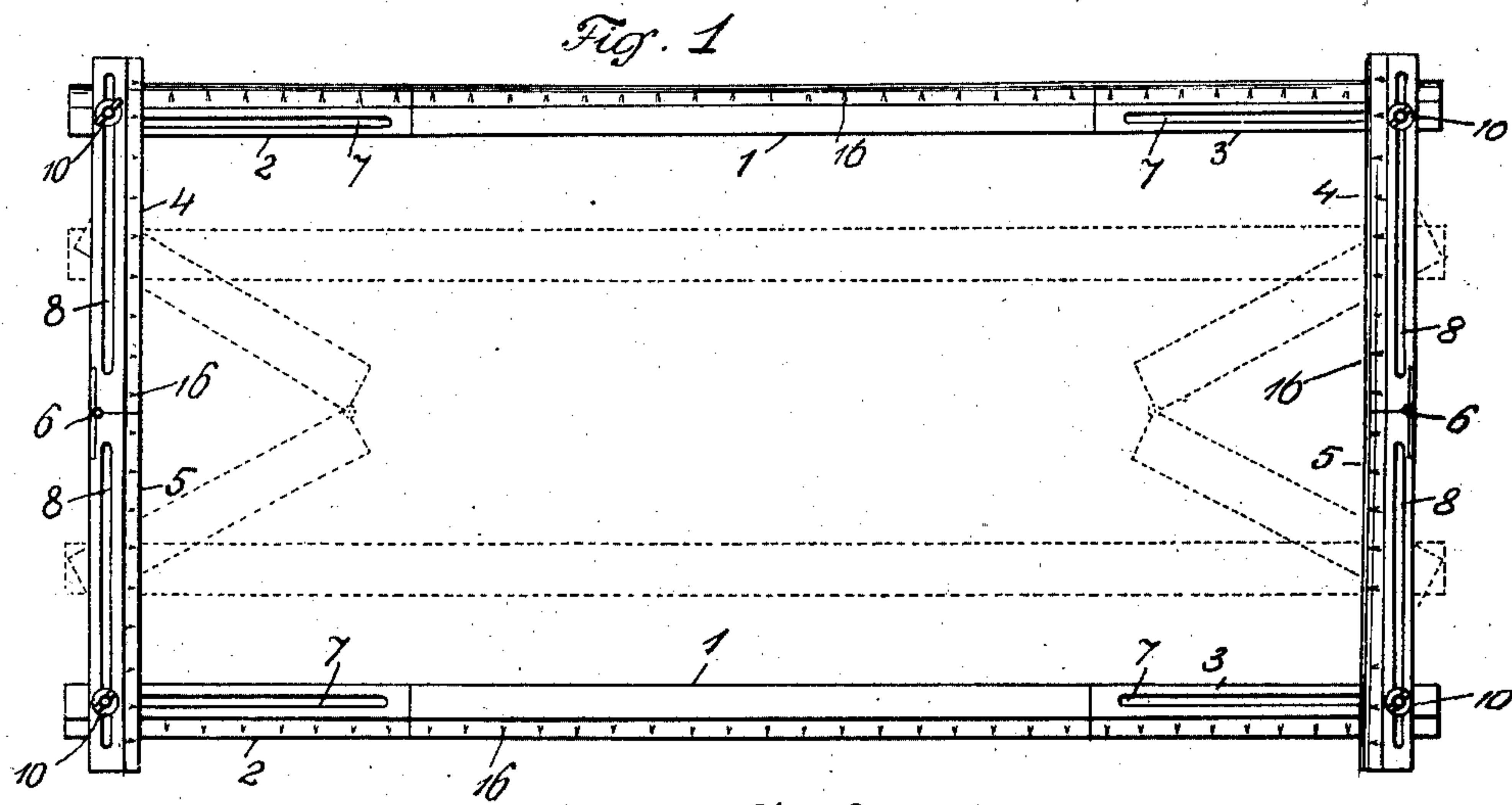


No. 883,495.

PATENTED MAR. 31, 1908.

J. SINES.
CURTAIN STRETCHER.
APPLICATION FILED NOV. 20, 1907.



Witnesses
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Fig. 6

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JANES SINES, OF EMPIRE, OHIO.

CURTAIN-STRETCHER.

No. 883,495.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed November 20, 1907. Serial No. 403,030.

To all whom it may concern:

Be it known that I, JANES SINES, a citizen of the United States of America, residing at Empire, in the county of Jefferson and State of Ohio, have invented certain new and useful Improvements in Curtain-Stretchers, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to curtain stretchers, and its primary object is, to provide a curtain stretching frame adapted to be folded into small compass when not required for use, and to be readily unfolded.

15 A further object of the invention is, to provide a stretcher capable of being readily adjusted both longitudinally and transversely to adapt it for use with curtains of different sizes.

20 The construction of the improvement will be fully described hereinafter, in connection with the accompanying drawing which forms a part of this specification, and its features of novelty will be set forth in the appended claims.

25 In the drawing:—Figure 1 is a top plan view of the improvement in its unfolded position, Fig. 2 is a side elevation of the same, Fig. 3 is a top plan view of the stretcher with its hinged ends folded and its longitudinal sides closed together, Fig. 4 is a side elevation of Fig. 3, Fig. 5 is a side elevation showing the ends of the longitudinal side bars folded under the central portions of said side bars, and Fig. 6 is a detail sectional view illustrating the manner of securing the folding legs to the side bars of the device.

30 The stretcher comprises parallel sectional longitudinal bars each consisting of a body portion or central section 1, and end sections 2 and 3 hinged to the ends of the central section 1; and transverse bars each consisting of two sections 4 and 5 connected by hinge 6 located on the outer edges of the sections 4 and 5 to adapt the latter to fold inward as shown by dotted lines in Fig. 1.

35 The end sections 2 and 3 of the longitudinal bars are formed with longitudinal slots 7, and the sections 4 and 5 of the transverse bars are also formed with longitudinal slots 8, and extending through said slots 7 and 8 are bolts 9, provided with thumb screws 10. This connection of the longitudinal and transverse bars permits of the adjustment of

the stretcher either longitudinally or transversely to adapt it to curtains of different lengths and widths.

40 The under side of each of the end sections 2 and 3 of the longitudinal bars is formed with a recess 11 and a groove 12 communicating therewith, and within each of said recesses is pivotally secured the curved end 13 of a leg 14, the curvature thereof permitting the leg to spread outwardly to an inclined position as shown in Fig. 2. The grooves 12 receive the legs when folded as shown in Fig. 6, and the under surfaces of the central sections 1 are also formed with grooves 15 which register with grooves 12 when the sections 2 and 3 are folded to receive the portions of the legs which project beyond the walls of the grooves 12.

45 The sectional longitudinal bars and the transverse bars connected thereto are provided with pins 16 upon which the edges of the curtains are fastened.

50 The utility and operation of the improvement will be readily understood. The side and end bars provided with the pins 16 are adjusted to correspond to the size of the curtain to be stretched, and when it is desired to fold the stretcher the hinged sections 4 and 5 are first folded inward which permits the side bars to be brought together with the folded sections 4 and 5 resting thereon as shown in Fig. 3. The legs 14 are then folded up into the grooves 12 as shown in Fig. 4 after which the end sections 2 and 3 and the sections 4 and 5 are folded under the central section 1, the legs 14 entering the grooves 15 as illustrated by dotted lines in Fig. 6. It will be apparent that the device when thus folded will occupy little space, and may be stored in a closet or other convenient place.

55 Having fully described my invention what I claim as new and desire to secure by Letters Patent, is,

1. A curtain stretcher comprising longitudinal bars each consisting of a central section, and end sections hinged thereto and adapted to fold under said central sections, and transverse bars each consisting of hinged sections adapted to fold inward above the end sections of the longitudinal bars.

2. A curtain stretcher comprising longitudinal bars each consisting of a central section, and end sections hinged thereto and adapted to fold under said central sections,

and transverse bars each consisting of hinged sections adapted to fold inward above the end sections of the longitudinal bars, said end sections of the longitudinal bars and said
5 hinged sections of the transverse bars being longitudinally slotted and adjustably connected together.

3. A curtain stretcher comprising longitudinal bars, each consisting of a central
10 section grooved on its under side, and end sections hinged thereto, and recessed and grooved on their under sides, legs curved at the upper ends and pivotally secured within the recess of said end sections, and trans-
15 verse bars adjustably secured to the end sections of the longitudinal bars, and each con-

sisting of two hinged sections adapted to fold inward above said end sections.

4. In a curtain stretcher, the combination with sectional longitudinal bars provided 20 with pins, of transverse bars also provided with pins, and each consisting of two hinged sections adjustably secured to the longitudinal bars and adapted to fold inward above the latter, and folding legs pivotally secured 25 to the ends of said longitudinal bars.

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

JANES SINES.

Witnesses:

THOMAS A. GRIFFITH,
JAMES G. VANCE.