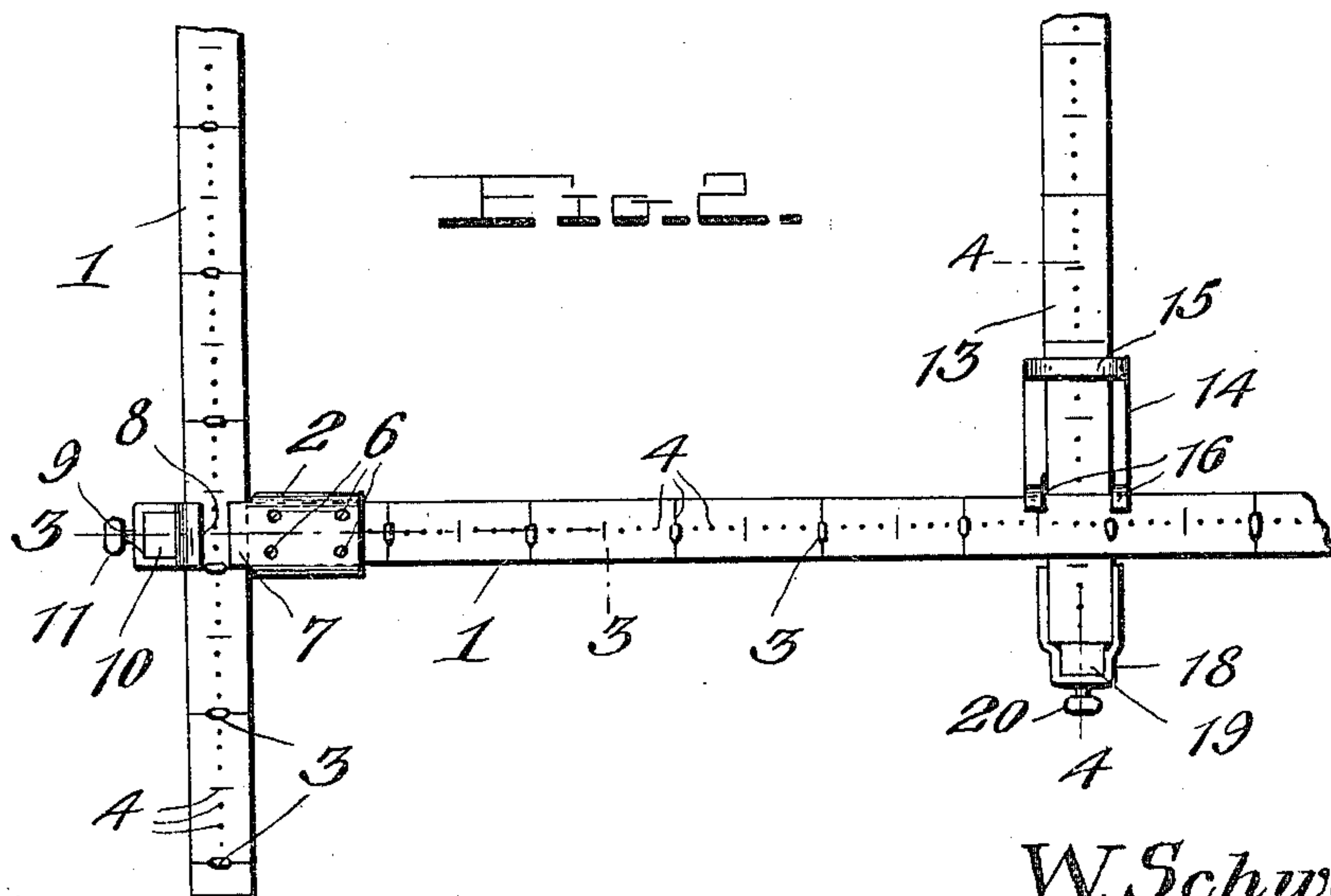
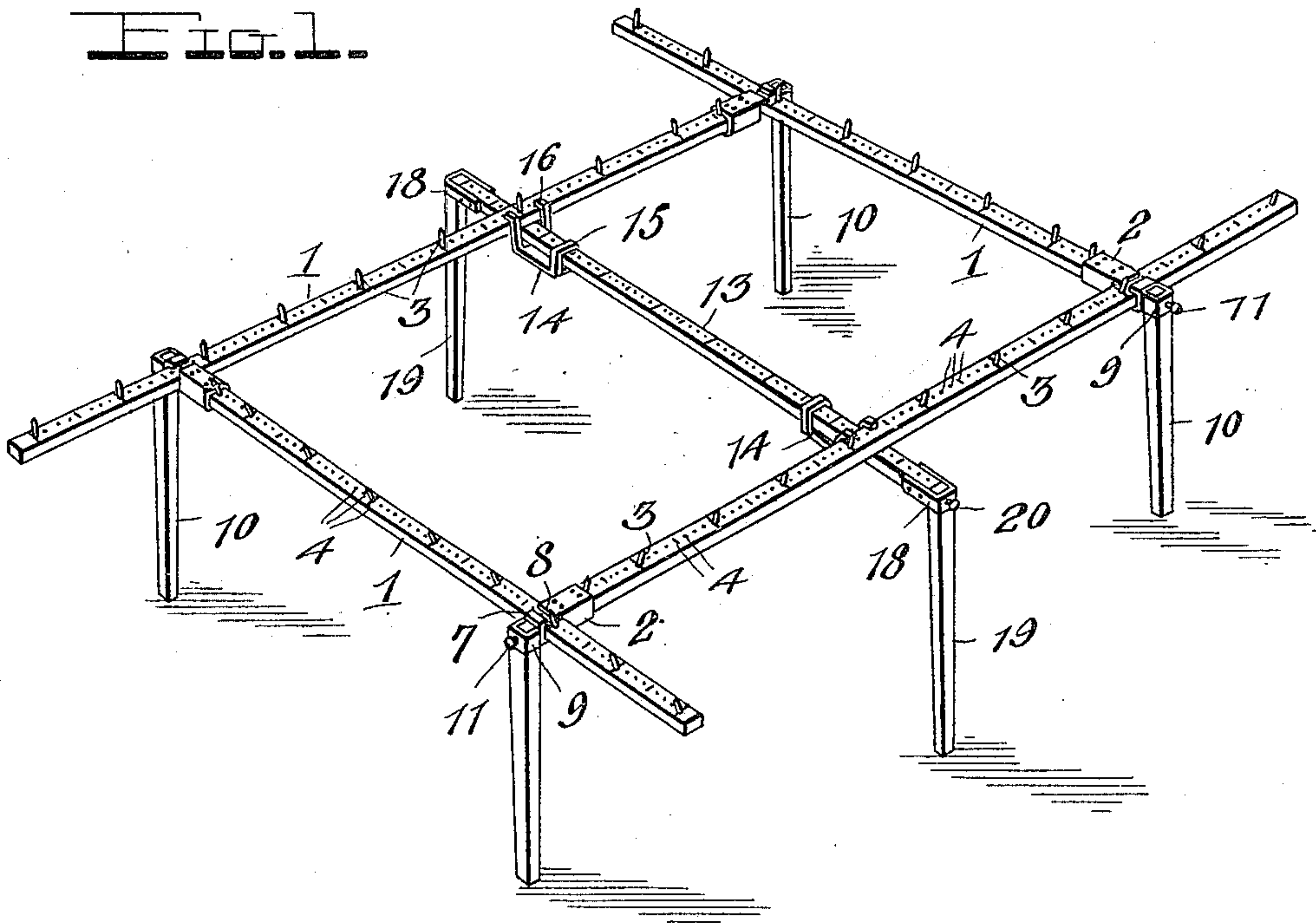


963,185.

Patented July 5, 1910.

2 SHEETS—SHEET 1.



Witnesses

Chas. L. Griesbauer.  
E. M. Ricketts

Inventor

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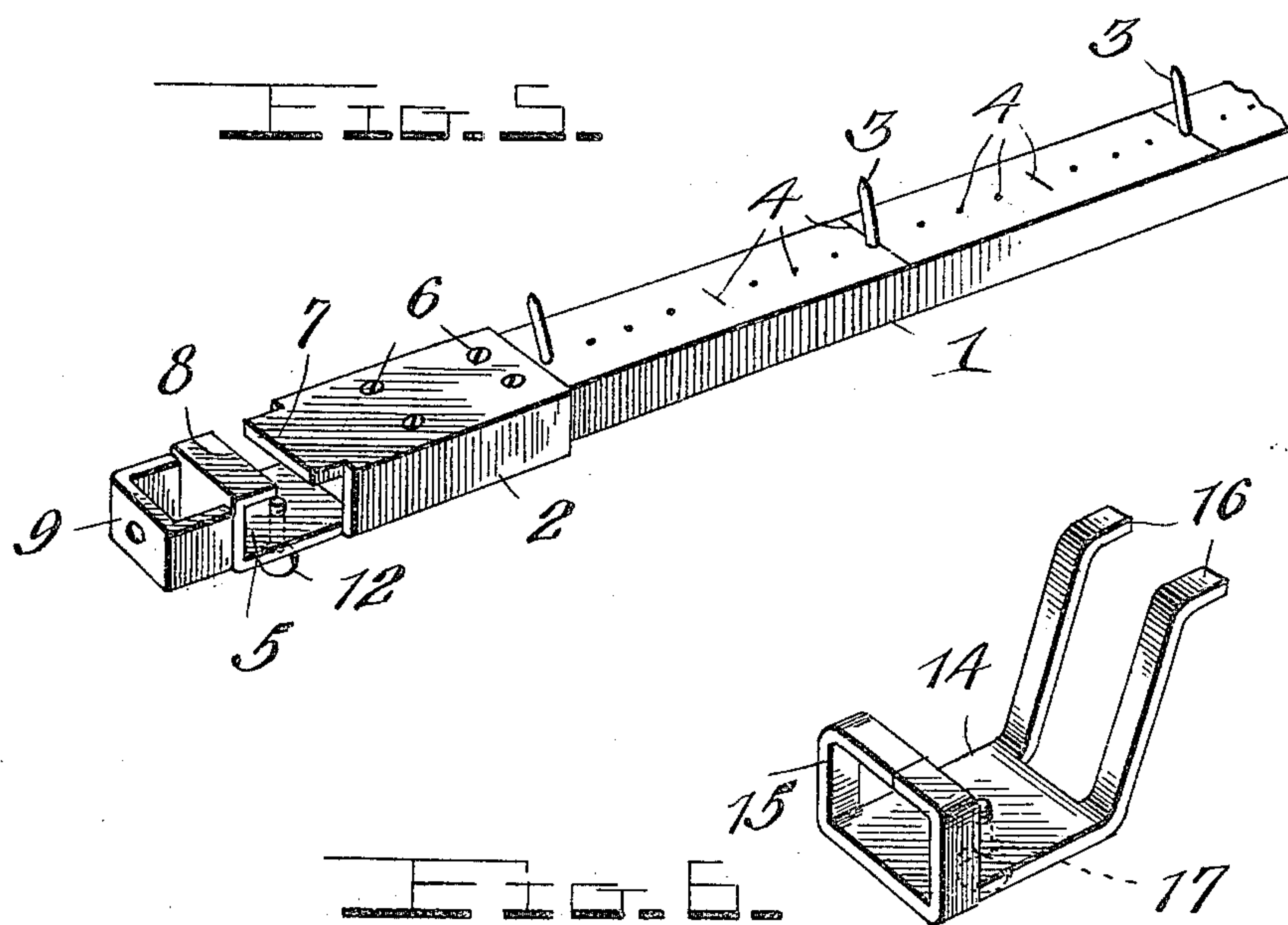
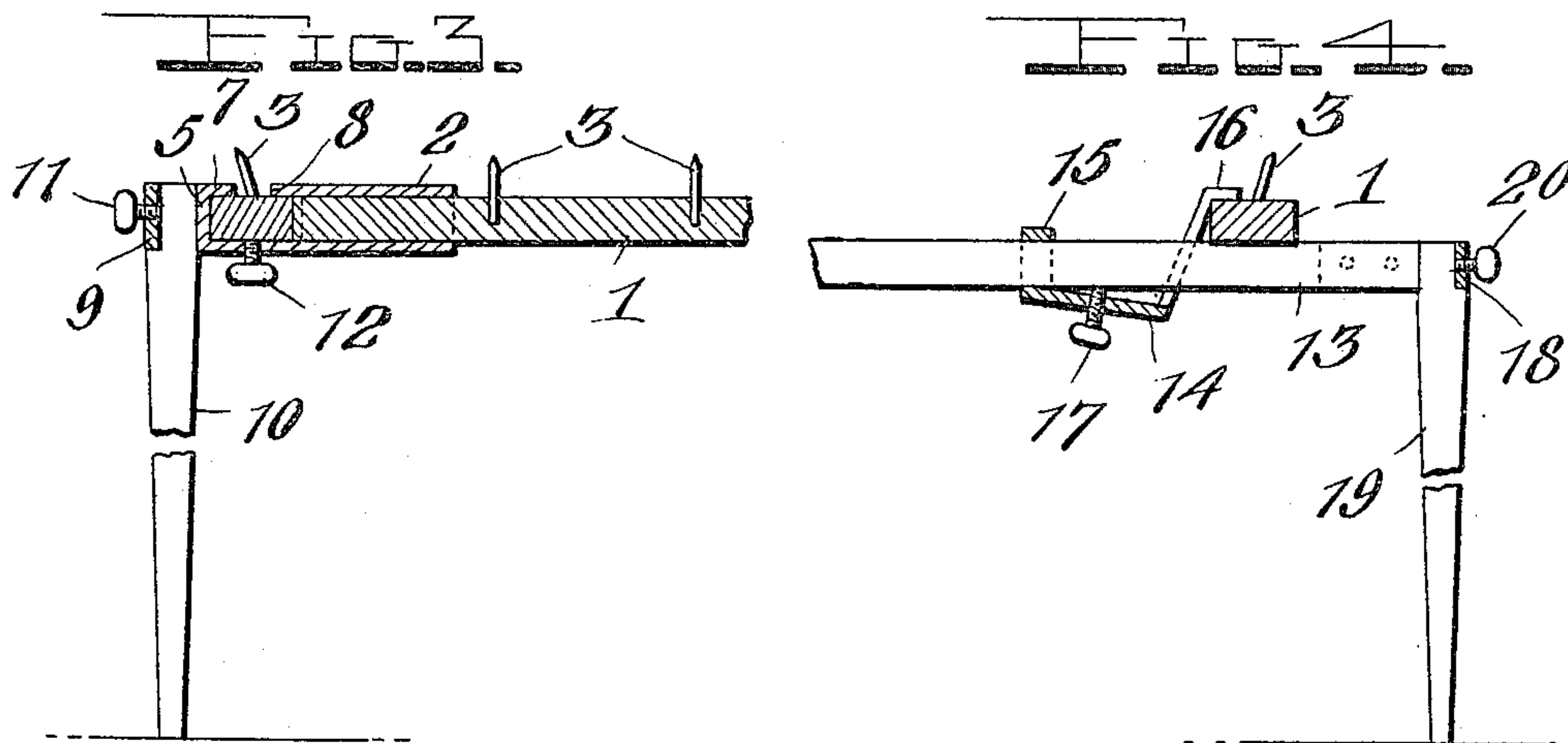
Br. 8, 819-1910  
Fr. 414, 939-1910

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CURTAIN STRETCHER.  
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2 SHEETS—SHEET 2.



Witnesses

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CURTAIN-STRETCHER.

963,185.

Specification of Letters Patent.

Patented July 5, 1910.

Application filed February 14, 1910. Serial No. 543,678.

*To all whom it may concern:*

Be it known that I, WILLIAM SCHWAB, a citizen of the United States, residing at Rockaway, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Curtain-Stretchers, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in stretching frames, and more particularly one adapted for stretching curtains while they are being dried.

The object of the invention is to improve and simplify the construction and operation of devices of this character and provide one which may be adjusted to receive curtains of different sizes, and which when not in use may be taken apart and compactly folded for storage or transportation.

With the above and other objects in view, the invention consists of the novel construction, combination and arrangement of parts, hereinafter fully described and claimed, and illustrated in the accompanying drawings in which:—

Figure 1 is a perspective view of my improved adjustable curtain stretching frame set up ready for use; Fig. 2 is an enlarged plan view of a portion of the same; Figs. 3 and 4 are sectional views taken respectively on the planes indicated by the lines 3—3 and 4—4 in Fig. 2; Fig. 5 is a detail view of the guide and clamping device on one of the main stretcher bars; and Fig. 6 is a detail view of the slidable clamp on the intermediate brace bar.

Referring to the drawings in detail the numeral 1 denotes the four main bars of the stretcher frame. These bars are of suitable size and preferably of rectangular shape in cross section; and at one end of each of them is secured a metallic guiding and clamping device 2 which receives one or the other of said bars. The several bars 1 have upon their upper faces rows of pegs or pins 3 with which the curtain is engaged, and also provided on these upper faces of said bars are scale graduations 4 preferably feet and fractions thereof. Each of the devices 2 has at its inner end a socket 5 which receives one end of one of the bars 1, as shown in Fig. 2, the device being secured on said bar by screws 6 or other fastenings. Each of said devices 2 has its intermediate portion channeled as at 7 to slidably receive one of

the other bars 1, and the top of the channeled guide portion 7 is formed with a transverse opening 8 through which the pins 3 may pass when the frame is being adjusted. The outer end of each of the devices or members 2 is provided with a bracket loop 9 adapted to receive the reduced shouldered upper end of one of four supporting legs 10, which latter are removably secured in the loops 9 by clamping screws 11. A clamping screw 12 is provided in the threaded opening in the bottom of the channel portion 7 and it is adapted to impinge against the bar 1 in said channeled portion to retain the latter in adjusted position.

In order to strengthen the frame I preferably provide an intermediate bracing bar 13 which is similar to one of the main bars 1 with the exception that it is not provided with the pins or pegs 3 and does not carry the devices 2. Slidably mounted on the bar 13, which latter is graduated in feet and inches, are two clamps 14 having loop-shaped portions 15 which straddle said bar 13 and also having spaced right angular clamp arms 16 disposed on opposite sides of the bar 13 and adapted to engage one of the bars 1, whereby the two bars may be fastened together. Clamping screws 17 are arranged in threaded openings in the bottom portions of the slidable clamps 14 and adapted to impinge against the bar 13 to retain them in adjusted position and to draw the angular arm 16 firmly into engagement with the upper faces of the main bars 1, as shown in Fig. 4. The ends of the bar 13 have secured to them socket loops 18 which receive the reduced upper shouldered ends of supporting legs 19, the latter being retained in position by clamping screws 20 arranged in the socket loops 18, as will be understood on reference to Fig. 4.

From the foregoing it will be seen that when the invention is set up for use as shown in Fig. 1 its parts may be readily adjusted to receive a curtain of any size, within certain limits, and the curtain may be readily applied to or removed from the frame. When the device is not in use the several parts may be quickly disconnected and placed in parallel relation to provide a very compact bundle that may be readily stored away or transported.

Having thus described the invention, what is claimed is:

In a curtain stretcher, the combination



with opposing bars of a stretching frame,  
of a brace bar arranged transversely be-  
neath and engaged with said opposing frame  
bars, fastening members slidably arranged  
5 on said brace bar and adapted to engage the  
frame bars, each of said members consist-  
ing of a rectangular plate formed with a  
centrally arranged threaded opening and at  
one end with spaced parallel arms disposed  
10 adjacent the side edges of said plate and  
bent angularly with respect to said plate,  
said arms being adapted to receive the brace  
bar between them and having their extrem-  
ities bent to form clamping fingers to en-  
15 gage one of the frame bars, said plate be-

ing formed at its other end with integral  
laterally projecting tongues bent into angu-  
lar form to provide a transversely disposed  
loop which slides on the brace bar, and a  
set screw arranged in the threaded opening 20  
in said plate and adapted to impinge against  
the brace bar, as and for the purpose set  
forth.

In testimony whereof I hereunto affix my  
signature in the presence of two witnesses. 25

WILLIAM SCHWAB.

Witnesses:

FRANK REILLEY,  
AMOS W. LAKE.