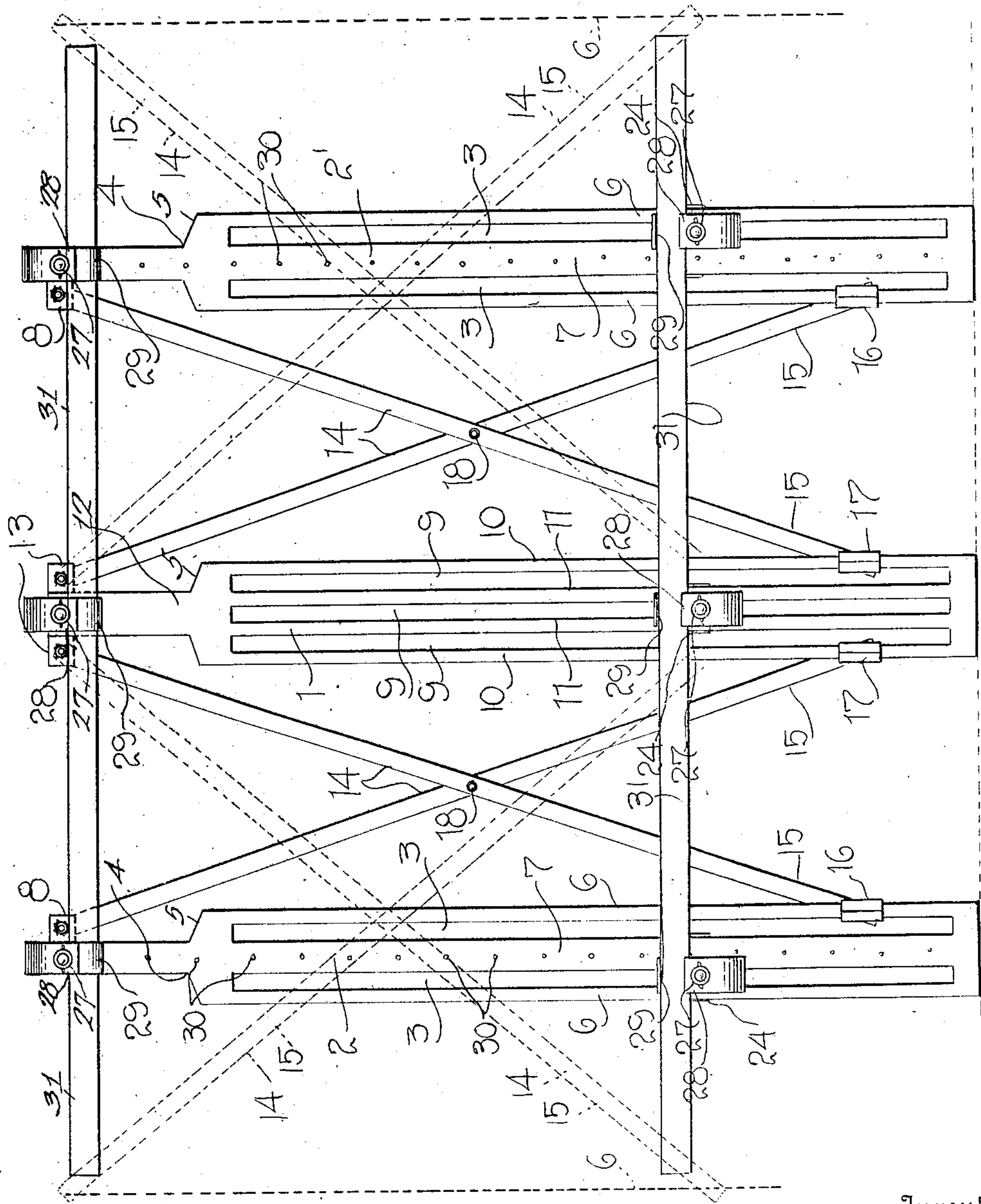


P. SCHNEIDER.
CURTAIN STRETCHER.
APPLICATION FILED APR. 2, 1914.

1,154,732.

Patented Sept. 28, 1915.
2 SHEETS—SHEET 1.



Inventor

PETER SCHNEIDER

Witnesses
Robert M. Lutz
A. J. Smith

Fig. 1

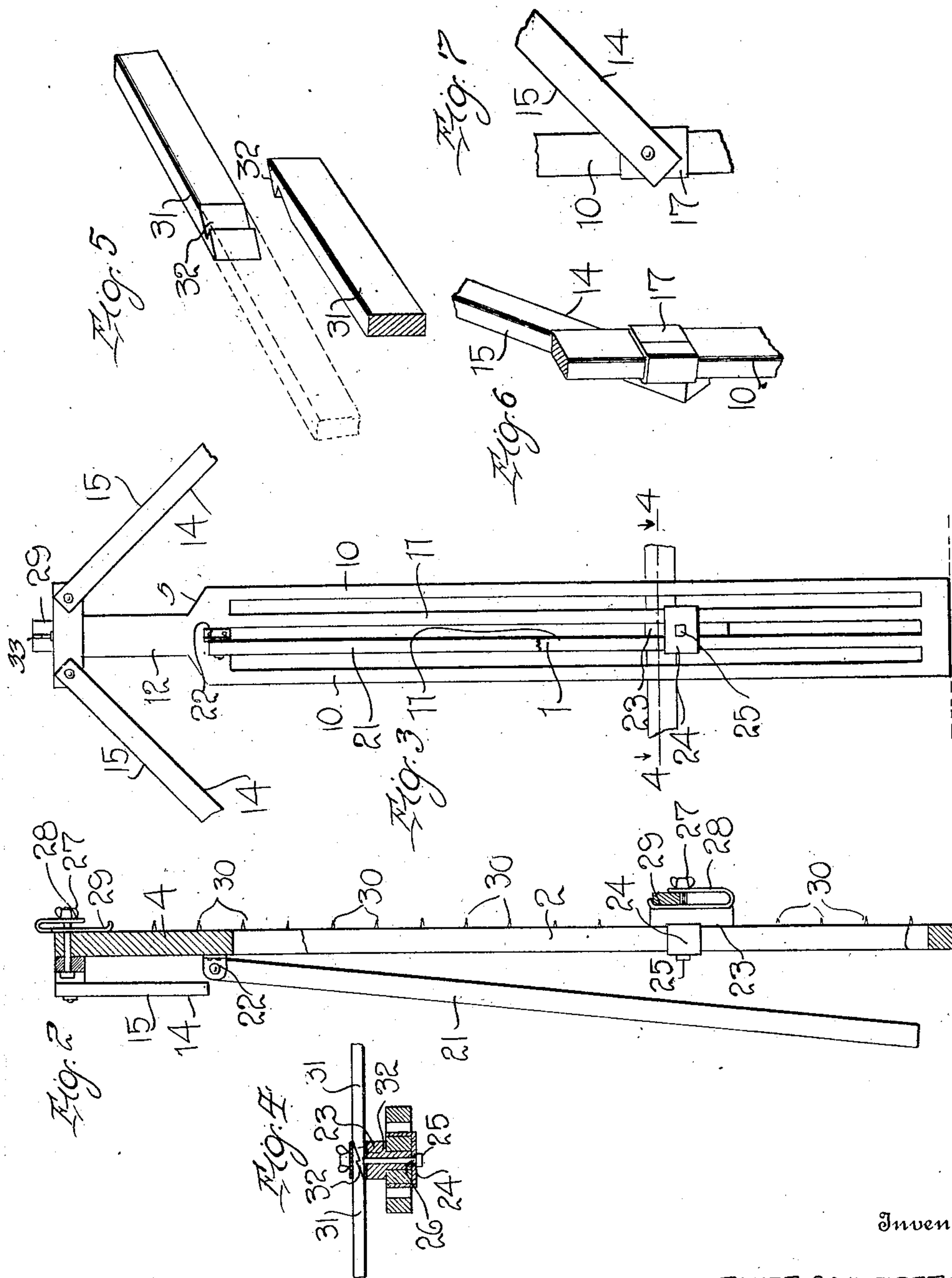
By

Watson E. Coleman
Attorney

P. SCHNEIDER,
CURTAIN STRETCHER.
APPLICATION FILED APR. 2, 1914.

1,154,732.

Patented Sept. 28, 1915.
2 SHEETS—SHEET 2.



Inventor

PETER SCHNEIDER

Witnesses
Robert M. Sutphen
A. L. Hind

By

Watson E. Coleman
Attorney

UNITED STATES PATENT OFFICE.

PETER SCHNEIDER, OF AURORA, INDIANA.

CURTAIN-STRETCHER.

1,154,732.

Specification of Letters Patent. Patented Sept. 28, 1915.

Application filed April 2, 1914. Serial No. 829,119.

To all whom it may concern:

Be it known that I, PETER SCHNEIDER, a citizen of the United States, residing at Aurora, in the county of Dearborn and State of Indiana, have invented certain new and useful Improvements in Curtain-Stretchers, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to new and useful improvements in curtain stretchers and more particularly to a stretcher including spaced parallel sections, pivotally connected by the lazy tongs and adapted for lateral adjustment to accommodate various sizes of curtains.

Another object of the present invention is the provision of a curtain stretcher including pivotally connected laterally movable sections and transverse bars removably secured to the ends of said sections and adapted to be adjusted upon the sections whereby curtains of various widths may be readily applied to the stretcher.

25 A further object of the invention is the provision of a curtain stretcher of the above character which will possess advantages in points of efficiency and durability, is inexpensive to manufacture and, at the same time, is simple in construction and operation.

30 With the above and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claim.

In the accompanying drawings forming a part of this application, Figure 1 is an elevation of my improved curtain stretcher, parts being shown in adjusted position, in dotted lines. Fig. 2 is a transverse sectional view of the device. Fig. 3 is a side elevation of a portion thereof. Fig. 4 is a horizontal section on the line 4-4, Fig. 3. Figs. 5, 6 and 7 are detail perspective views of some of the parts hereinafter specifically described.

50 In carrying out my invention, I provide three pivotally connected sections which are preferably arranged in spaced parallel re-

lation. These sections include a central section 1 and two outer sections 2 and 2'. Each of the outer sections include a body board provided with the longitudinal slots 3 arranged upon opposite sides of the center and said boards are reduced at their outer ends, as shown at 4, forming the tapering shoulders 5 and the reduced extensions 4. It will be noted that by providing the longitudinal slots 3 within each of the side sections, it will form side bars 6 which are arranged in parallel relation with the central sections 7 of the bars. As stated above, these two side sections are similarly constructed and secured to the outer ends of the reduced portions 4 are the inwardly projecting ears 8, the purpose of which will be hereinafter more fully set forth.

The central section 1 includes a body board provided with parallel arranged longitudinal slots 9 forming parallel strips including the outer strips 10 and the spaced inner strips 11. The upper end of the section 1 is reduced as shown at 12 and extending transversely at the outer end on each side thereof is a supporting ear 13 arranged in alinement with the supporting arm 8 upon the outer section. The central section 1 and the outer sections 2 and 2' are pivotally connected together by means of the lazy tongs 14, which include the pivotally connected angularly disposed bars 15, the lower ends of certain of said bars being pivotally secured to the slide members 16 movably mounted upon the outer side bars 6. The upper ends of said bars are pivotally connected to opposite ends of the supporting ear 13. The other of said cross bars have their lower ends pivotally connected to the slide members 17, which are movably mounted upon the outer longitudinal bars 12 of the central section, while their upper ends are pivotally connected to the inwardly projecting arms 8.

It will be noted that the cross bars are pivotally connected at the point where they cross each other, as indicated at 18, so as to securely retain the same in their proper position. From this it will be apparent that the sections 1, 2 and 2' are arranged close

together or pulled apart so as to accommodate various sizes of curtains. It will also be apparent that upon the opening or closing movement of the sections, the slides 16 and 17 will readily move upon the side sections to permit adjustment of the sections.

In order to support the device in an upright position, each of the sections 1, 2 and 2' are provided with suitable standards which, in the present form, are indicated by the numeral 21, the upper ends of said standards being pivotally connected to the angular bracket 22, said bracket being in turn rigidly secured to the back of the uprights 1, 2 and 2'. From this it will be apparent that by having the standards pivotally mounted, the main portion of the frame may be disposed at any desired angle. Movably mounted upon each of the sections at the lower ends thereof, are the T-shaped blocks 23 having reduced portions to which are removably secured the U-shaped plates 24. The ends of the U-shaped plates 24 are adapted to engage the longitudinal edges of certain of the spacing strips, while the central portions thereof contact with the inner faces of the blocks 23. From this it will be apparent that the blocks 23 may be moved longitudinally with respect to the sections and securely held in their effective position by means of the plates 24. The plates 24 are securely retained in position by means of the head portions 26 which are formed upon the ends of the bolts 25, while the outer threaded ends of said bolts are provided with wing nuts 27; so that the yieldable end of the clamp 29 may be securely retained in an effective position. The specific purpose of this clamp 29 will be more clearly specified hereinafter. It will be noted from the accompanying drawings that I have provided two sets of clamps, one set being rigidly secured to the upper ends of the sections and provided with the transversely extending bolts 25, having wing nuts 27 thereon which are adapted to retain the yieldable tongues 28 of the clamps in their effective positions.

In order to securely fasten the ends of the curtains which are to be stretched by my improved frame, I provide a plurality of pins 30 which are arranged in spaced relation upon the central portions of the outer sections and, in order to retain the side portions of the curtain in position, I provide the side bars 31 which are formed in sections and connected by means of the hook portions 32. It will be apparent that the hook portions will be retained in an effective position by means of the yieldable tongues. In placing the sections in position, the winged nuts 27 are loosened and the bars arranged beneath the tongues 28 and disposed between

the closed end of the clamp and the bolts 25. Thus, after the winged nuts have been placed in position and screwed down, the side bars will be rigidly clamped into position. It will be noted that by having the lower set of clamps adjustably mounted, the sections of the lower bar may be adjusted laterally with respect to the upper section, according to the width of the curtain. It will be apparent that it is necessary to provide blocks 23 upon the sections so as to space the bar 31 from the sections, so that the aforesaid bar will readily pass over the pins 30 which are secured to the side sections. From the above it will be apparent that any size curtain may be quickly and readily applied to my improved stretching frame and the frame adjusted according to the size of the curtain and securely held in such position. If it is desired to hang the curtain stretching frame upon a clothes-line, or other similar support, so that the curtain may be quickly dried, I provide suitable hook members 33 which are secured to the upper ends of the sections and adapted to readily engage with the clothes-line, or other support. It will be noted that by the use of the lazy tongs 14, the sections 1, 2 and 2' may be readily adjusted laterally to accommodate various lengths of curtains. It will also be apparent from the accompanying drawings, taken in connection with the description given herewith that my improved curtain stretcher is extremely simple in construction and can be manufactured at a comparatively low cost.

While I have shown and described the preferred form of my invention, it will be obvious that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my invention into practice, without sacrificing any of the novel features or departing from the scope of the invention, as defined by the appended claim.

Having thus described this invention, what I claim is:—

A curtain stretcher including spaced parallel sections, the outermost of said sections having a longitudinal slot formed upon opposite sides of its center and the center section being provided with a central slot and side slots arranged upon each side of the center slot, perforated ears projecting inwardly from one end of each of the other sections, additional perforated ears projecting from the opposite sides of one end of the center section, slidable members carried by said slotted sections, connecting bars pivoted to each other, each having one of its ends pivotally connected to one of the ears of the section and its other end connected to one of said slidable members whereby said

sections may be adjusted laterally with respect to each other, fixed clamping members carried by said sections, movable clamping members carried by the body of said sections and movable within the central slot of the center section and within the outer slots of the outer sections, and spaced parallel bars carried by the movable and fixed sec-

tions whereby one of said bars may be adjusted laterally with respect to the other. 10

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

PETER SCHNEIDER.

Witnesses:

REUBEN M. RICHMOND,
CLARENCE B. WILSON.