

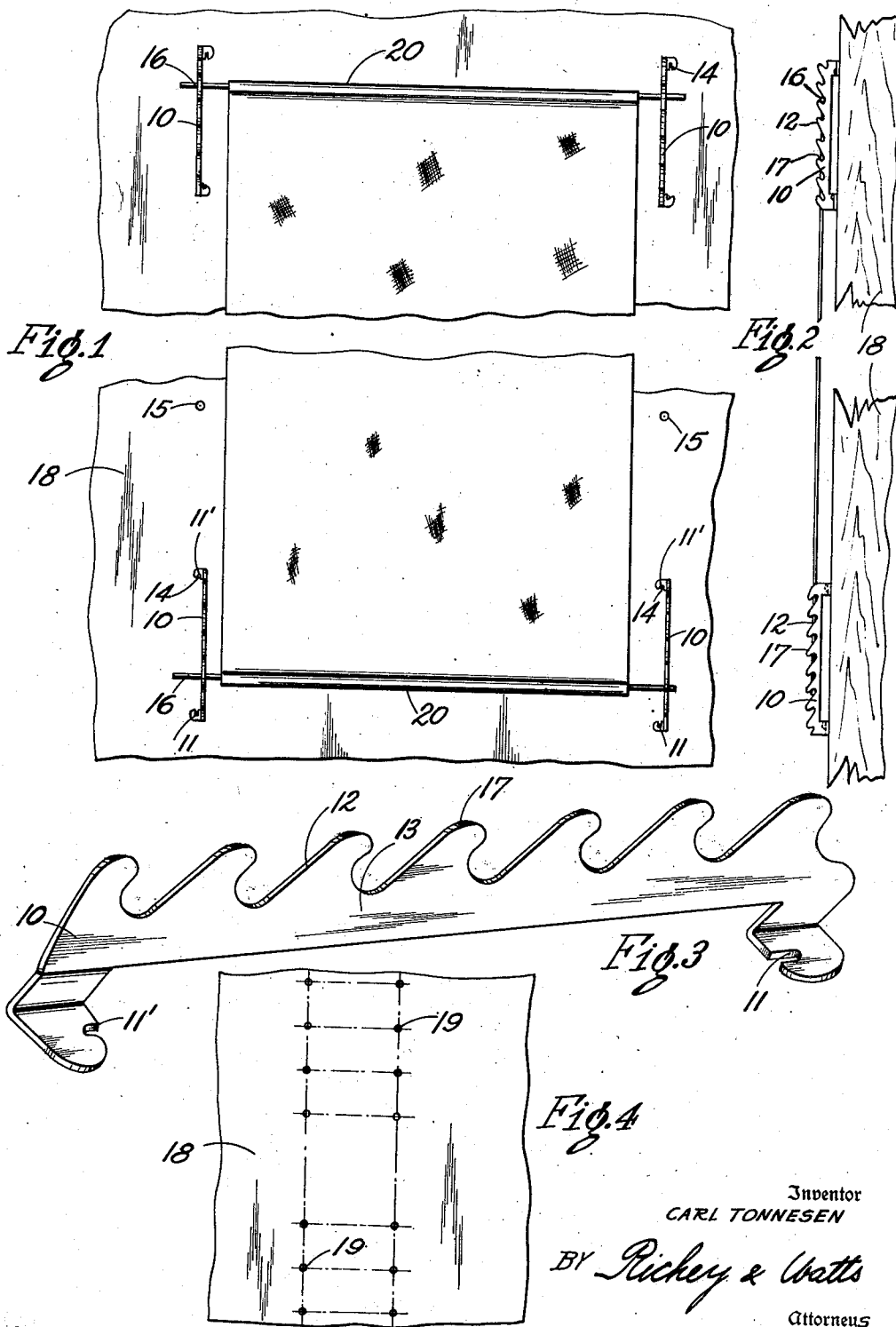
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CURTAIN STRETCHER

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CURTAIN STRETCHER

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4 Claims. (Cl. 45-24)

This invention relates to apparatus adapted for use in drying and stretching window curtains and similar articles and more specifically to an improved curtain supporting mechanism which is constructed for ready attachment and adjustment upon the wall of a building or a similar permanent structure.

One of the objects of this invention is to construct a bracket which may be interchangeably employed with a plurality of brackets of like form to support a pair of curtain stretcher rails.

Another object of this invention is to provide a curtain stretching device which comprises a plurality of brackets adapted to be attached upon a wall in substitution of the rails or bars usually employed as the upright members in a curtain stretching frame.

Another object of this invention is to construct a compact curtain structure which may be readily positioned and adjusted for use, quickly demounted and conveniently stored when the device is not in use.

Other objects more or less ancillary of the foregoing and the manner in which all the various objects are realized will appear in the following description which, considered in connection with the accompanying drawing, sets forth the preferred embodiment of the invention.

In the drawing—

Figure 1 is an elevational view of the curtain rod stretcher illustrating an application of the improved bracket.

Figure 2 is a side elevational view of the structure shown in Figure 1.

Figure 3 is a detail view in perspective showing the preferred form of the bracket embodied in the present invention.

Figure 4 is a fragmentary elevational view of a wall structure illustrating the arrangement of the headed studs employed to accommodate the support of the brackets forming a portion of the present invention.

Referring to the drawing and particularly to Figure 1 thereof, the curtain stretcher comprises a plurality of brackets 10 each of which comprises a plate having notches 11 and 11' respective in the angulated base portions thereof and a plurality of hooks or inclined slots 12 are vertically disposed in the body of the plate 13. The notch 11 is formed parallel with the body of the plate and extends from the inner marginal edge of the base a substantial distance forwardly. The notch 11' is similarly located in the second base portion but is relatively shallow in depth and formed with an arcuate wall adjacent the outer edge so

that the bracket may be supported by entering the notch 11 over a suitably located nail or screw 14 mounted in the wall, then adjusting the bracket by a lateral or arcuate movement so the notch 11' will snap or spring about the shank of a second nail. The heads 15 of the nails or studs are suitably disposed with respect to the thickness of the base to engage the top surface thereof and effect the support of the bracket.

The slots 12 are disposed in the upper edge of the plate 13 in spaced relation to the base portion and are formed to receive a rod 16. The slots are inclined with respect to the major axis of the bracket so as to retain the curtain stretcher rod 16 against a tensional strain consequent the effort applied to the curtain when the device is in use. The portions of the plate 13 adjacent the slots 12 are tapered outwardly and formed with arcuate end portions 17 so the rod 16 may be readily moved over the face thereof and drop or ratchet into the adjacent seat or hook member during the application of the curtain stretcher. By suitably positioning the brackets 10 the top pair of brackets may be mounted upon the wall to support the rod 16 while the tensional effort is applied thereon; likewise the lower brackets may be adjusted with the slots 12 or hooks facing the opposite direction and thus resist the tension upon the second curtain rod.

In practice any suitable structure which is of adequate proportions may be utilized to support the apparatus, for instance, a building structure having a wall surface 18. Upon this surface nails or screws 19 are set to receive the brackets 10, the allocation of the nails being disposed to accommodate the length and width of the curtain to be stretched or if desired a plurality of sets of spaced nails may be mounted upon the wall to provide for the support of various sizes of curtains. When the brackets 10 are adjusted upon the wall the curtain rod 16 is inserted within the looped end of the curtain 20 and the rod then positioned in an aligned pair of hooks in the top bracket. The second rod may then be inserted within the looped end of the curtain and the rod drawn downwardly over the faces of the hooks in the lower brackets until a suitable tension upon the curtain is attained, then the rod may be seated and the curtain left to dry.

Although the foregoing description is necessarily of a detailed character, in order that the invention may be completely set forth, it is to be understood that the specific terminology is not intended to be restrictive or confining, and that various rearrangements of parts and modifica-

tions of structural detail may be resorted to without departing from the scope or spirit of the invention as herein claimed.

I claim:

5 1. A bracket for curtain stretchers or the like comprising a flat strip of resilient material, curtain rod engaging means on said strip, attaching means on spaced portions of said strip adapted to engage with projections fixed to a wall or supporting surface, said projections being spaced a
10 predetermined distance apart and said strip being elastically deformed to partly engage the said attaching means with said spaced projections and then to snap back to its original shape to completely engage the attaching means with said
15 projections.

2. A bracket for curtain stretchers or the like comprising a flat strip of resilient material, curtain rod engaging means on said strip, integral
20 attaching brackets formed on spaced portions of said strip and extending at an angle to the flat body of the strip, said attaching brackets being formed with oppositely extending slots which lie out of the plane of the flat strip body, said attaching
25 brackets and the slots therein being adapted to engage with projections fixed to a wall or supporting surface, said projections being spaced a predetermined distance apart and said strip being

elastically deformed to partly engage the said attaching means with the spaced projections and then to snap back to its original shape to completely engage the attaching means with said projection.

3. In combination in a curtain stretcher, a rigid wall, a plurality of groups of aligned and spaced studs on the wall, said groups defining substantially the corners of a rectangular figure, a spring bracket removably snapped on each group of studs and carried by at least a pair of the studs thereof, and adapted to form two pairs of brackets, rods adjustably supported on each pair of brackets and a curtain carried by the rods and held in flat smooth, stretched position thereon.

4. In combination in a curtain stretcher a rigid wall, a plurality of groups of aligned and spaced studs on the wall, said groups defining substantially the corners of a rectangular figure, a spring bracket of the character defined in claim 2 removably snapped on each group of studs and carried by at least a pair of the studs thereof, and adapted to form two pairs of brackets, rods adjustably supported on each pair of brackets and a curtain carried by the rods and held in flat smooth, stretched position thereon.

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