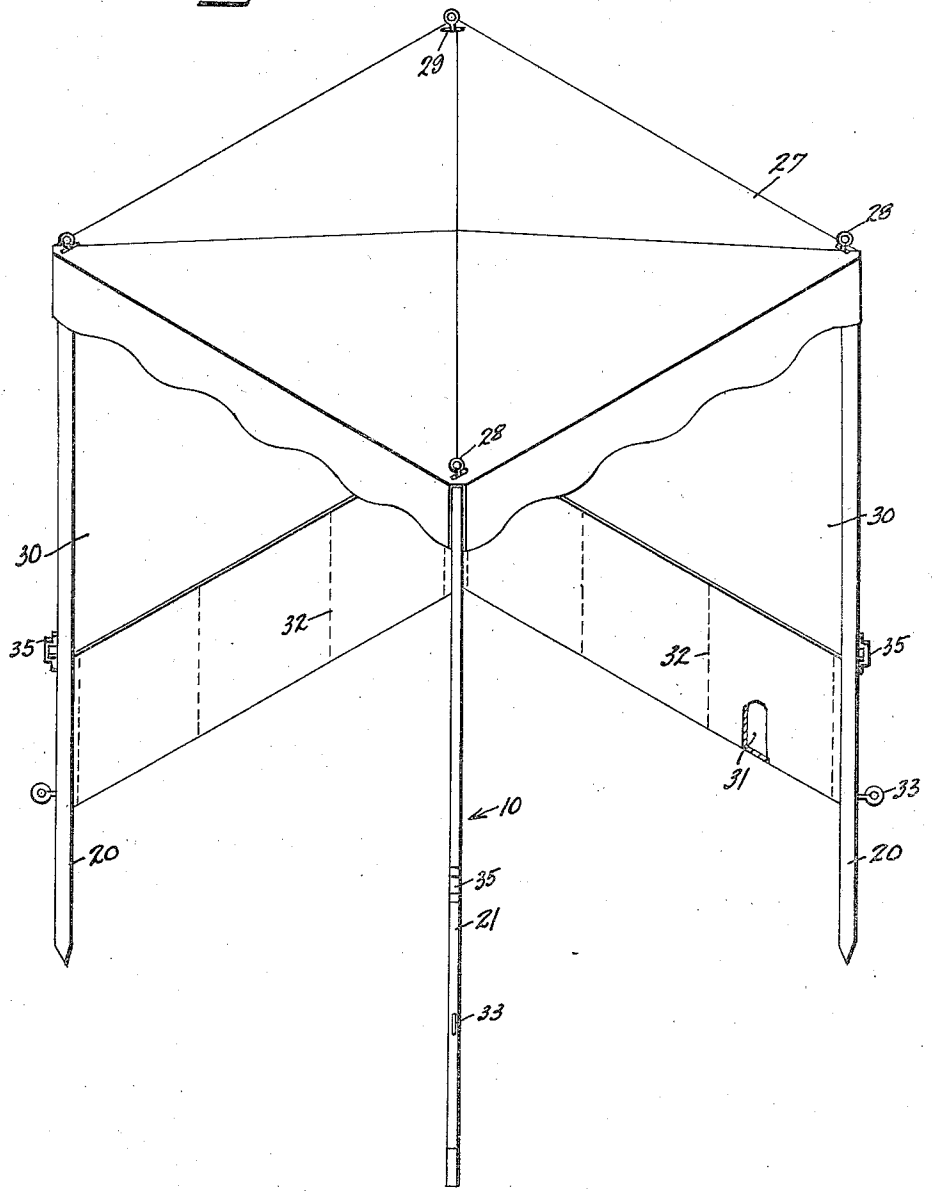
Jan. 14, 1936. S. E. KAPP 2,027,984

COLLAPSIBLE SHADE TENT

Filed May 4, 1935 4 Sheets-Sheet 1

Fig. 1



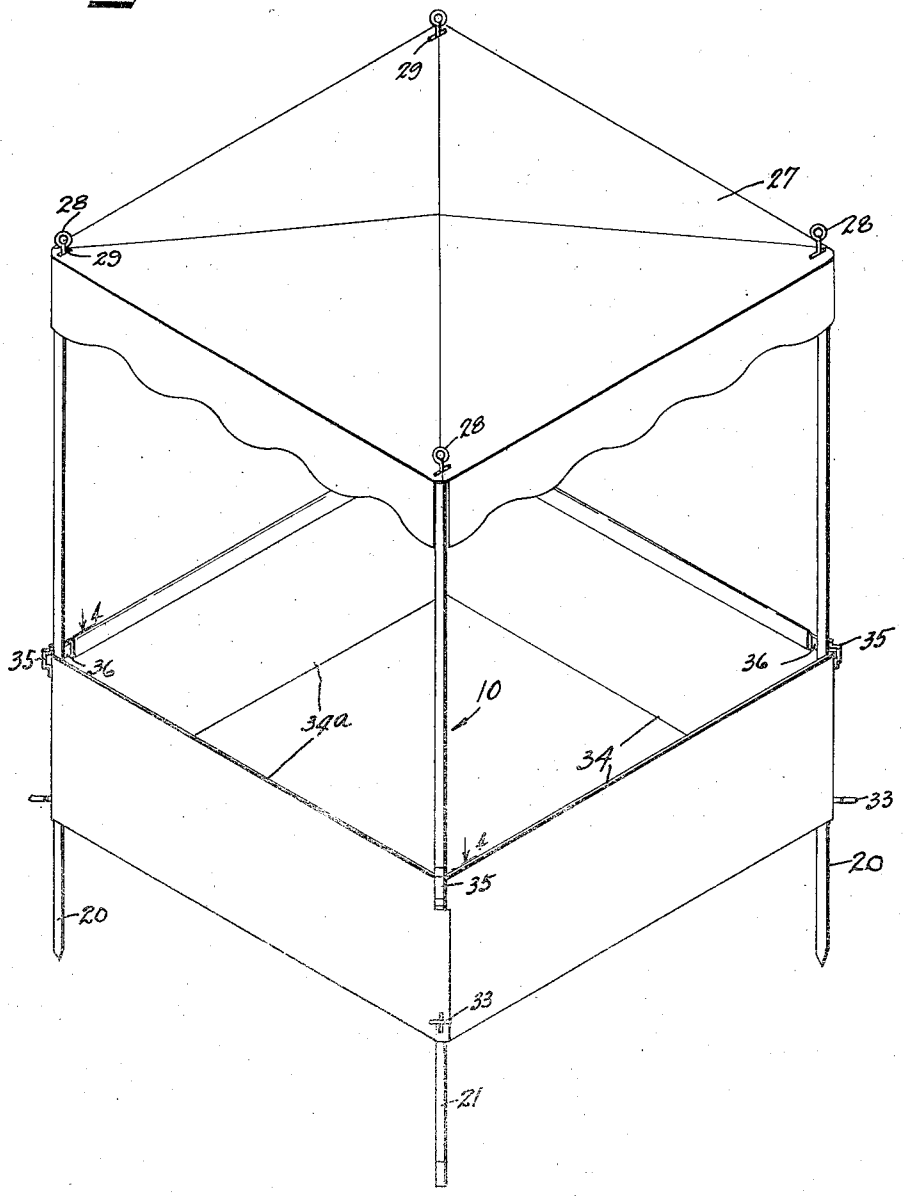
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FIG. 2



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Fig. 3

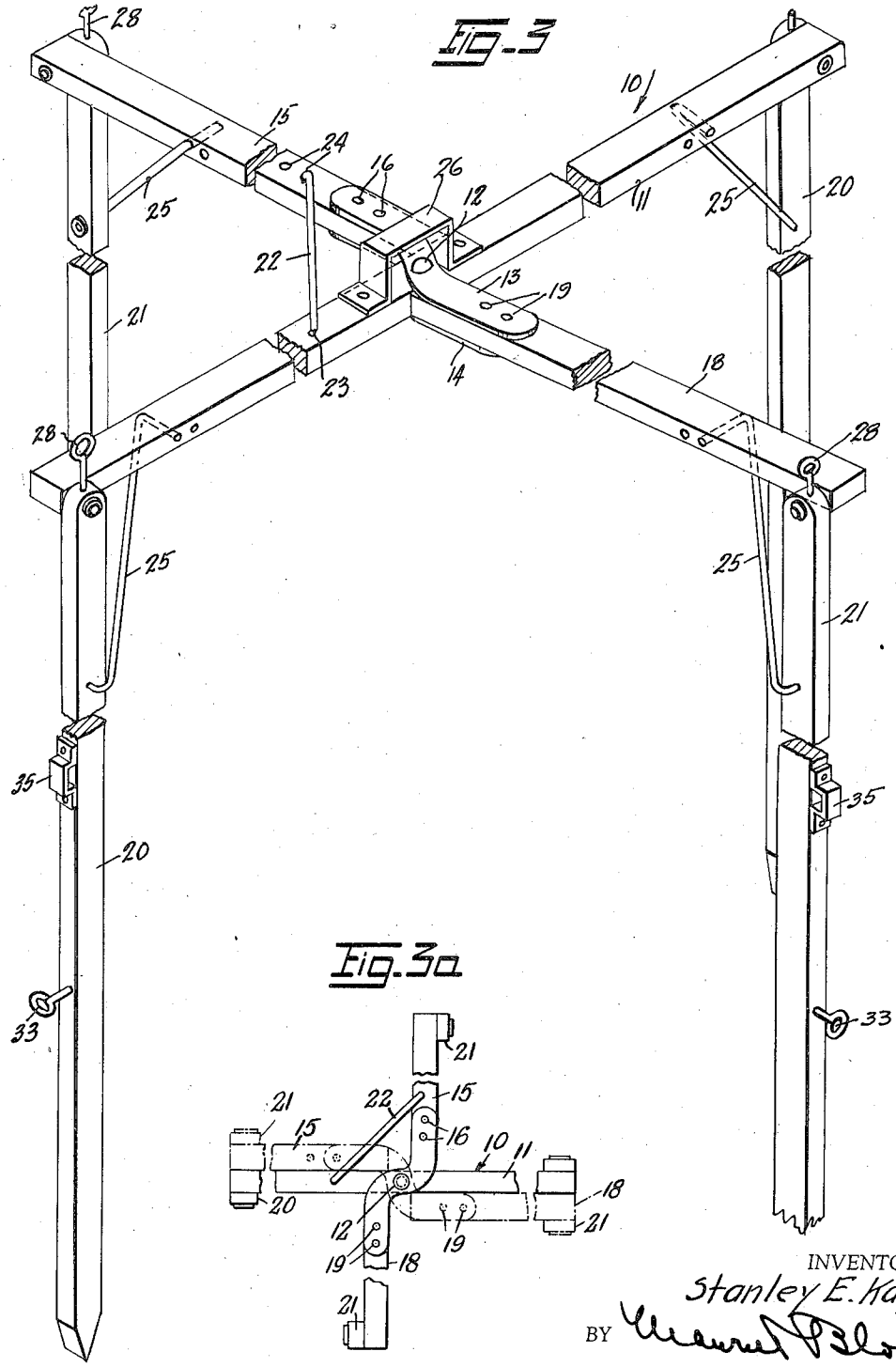


Fig. 3a

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Fig. 4

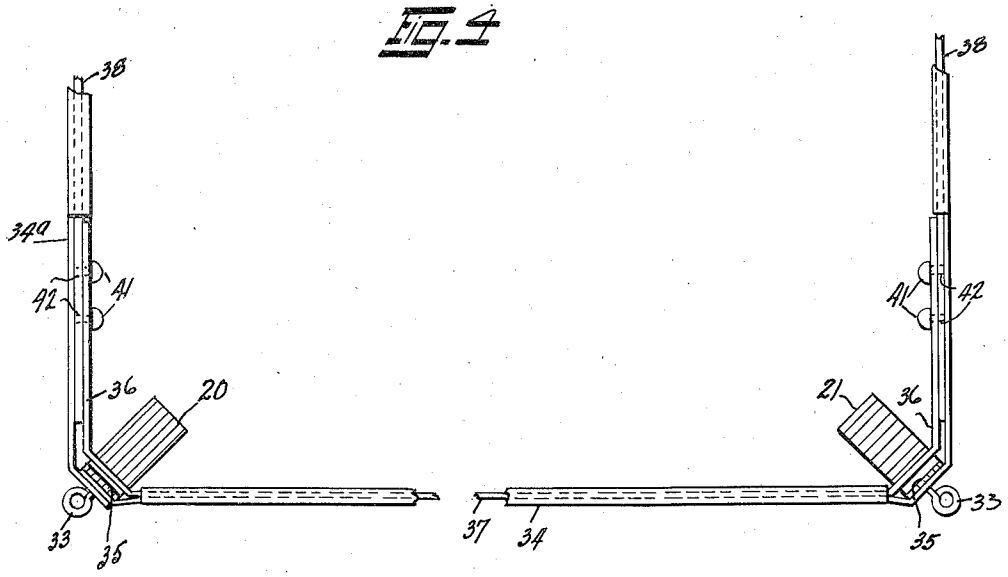
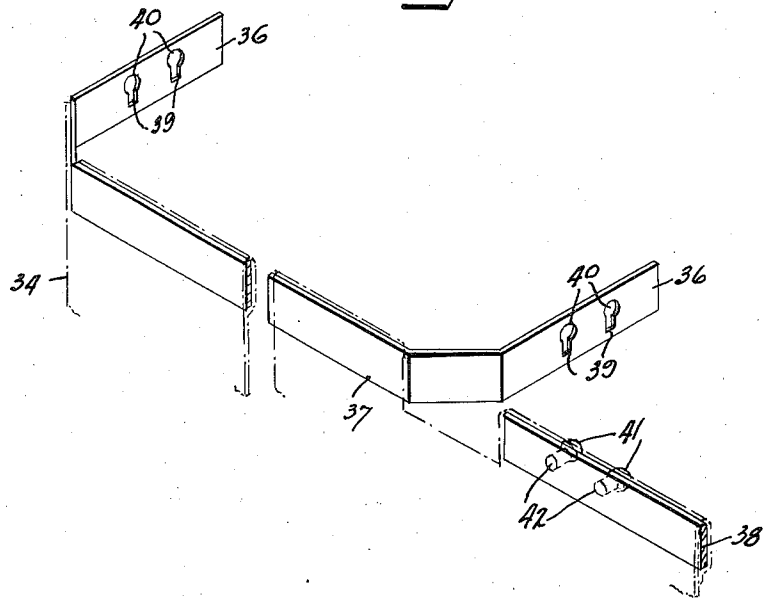


Fig. 5



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UNITED STATES PATENT OFFICE

2,027,984

COLLAPSIBLE SHADE TENT

Stanley E. Kapp, New York, N. Y.

Application May 4, 1935, Serial No. 19,753

4 Claims. (Cl. 135—7.1)

This invention relates to collapsible and portable shade or rain booths or tents which are adapted for use at the beach, back yard, etc., etc.

One of the objects of the invention is to provide a booth of this nature which may be readily set up and taken down, and which may readily be carried from place to place.

Another object of the invention is the provision of an article of this nature which may be readily converted from merely a shade booth to a closed bath house or to a child's playground or the like.

A further object of the invention is the provision of a foldable frame which when extended or unfolded will be rigid and adapted to have secured thereto a canopy, walls or strips to adapt same for any desired use.

Another object is to produce a device of the character described in which the maximum simplicity of construction and operation is secured.

Other objects and advantages will appear as the nature of the improvements is better understood, the invention consisting substantially in the novel arrangement and co-relation of parts herein fully described and illustrated in the accompanying drawings, wherein similar reference characters are used to describe corresponding parts throughout the several views, and then finally pointed out and specifically defined and indicated in the appended claims.

The disclosure made the basis of exemplifying the present inventive concept suggests a practical embodiment thereof, but the invention is not to be restricted to the exact details of this disclosure, and the latter, therefore, is to be understood from an illustrative, rather than a restrictive standpoint.

In the drawings forming a part of this specification

Figure 1 is a perspective view of one form of my improved shade booth.

Fig. 2 is a perspective view showing my invention as erected for use as a child's playground.

Fig. 3 is a perspective view of the foldable supporting frame.

Fig. 3A is a top plan view thereof partly broken away and showing in dot and dash lines the bars 15 and 18 in folded position when the hook 22 is disengaged.

Fig. 4 is a fragmental sectional view taken on line 4—4 Fig. 2 and

Fig. 5 is a fragmental perspective view of one of the play ground forming interlocking strip supporting structures.

Referring now to the drawings in detail 10 indicates a foldable supporting frame or structure which comprises a cross bar 11 to the center of which there are pivotally secured by means of a pivot stud or post 12, an upper plate 13 and a lower plate 14. The plates 13 and 14 are secured at one end to a bar 15 by means of screws or bolts 16 and at the opposite end to a similar bar 18 by means of bolts 19. The bars 15 and 18 abut the cross bar 11 at their inner ends when in extended or unfolded position. The foregoing construction forms a pivotal or collapsible top structure for the supporting frame.

The cross bar 11 has pivotally secured thereto at its ends upright supports or legs 20, and the bars 15 and 18 are similarly provided at their outer ends with legs 21 similar to the legs 20. A hook 22 pivoted at 23 in the bar 11 and engaging one of a series of holes 24 in the bar 15 releasably locks the bars 11, 15 and 18 in unfolded position. Hooks 25 are provided for releasably maintaining the legs 20 and 21 is unfolded or extended position. A handle 26 may be secured to the cross bar 11 by which the folded frame may be carried, the said handle also forming means for sloping the top of a roof or canopy 27 which is held in place by means of screw eyes or other means 28 extending from the tops of the legs 20 and 21. Eyelets 29 may be secured to the four corners of the canopy for engagement with the screw eyes 28.

To erect the device, the frame 10 is extended and the legs and bars are locked in position as shown in Fig. 3. If the device is to be used as a shade in lieu of a beach umbrella, one or more fabric walls 30 are hooked over the screw eyes 28 and then the canopy 27 is stretched and hooked over the top of the frame. If a bath house is to be erected four such sheets or walls 30 are used, one on each side of the frame. If desirable the said sheets or walls may be provided with pockets 31. This may be accomplished by turning up the bottom of the walls and securing same by rows of stitches 32. The said walls may be held in place at the bottom by screw eyes 33 in the legs 20 and 21, or other suitable means.

To form a play ground for children, the walls 30 may be omitted and instead a pair of short wall or band forming strips 34 and 34a may be secured about the bottom of the frame. To

accomplish this, I provide each of the legs with a bracket **35** in which may be supported the bent up ends **36** of a bar **37** to which bar approximately one-half of the length of a strip **34** or **34***a* is secured, the other half of the strip being secured to a straight bar **38**. The bent up ends **36** of the bars **37** may be provided with slots **39** having enlargements **40** for the reception of the heads **41** of rivets or posts **42** in the bars **38**. By passing the heads **41** through the enlargements **40** and then permitting the rivets **42** to rest in the slots **39** releasable interlocking means is formed between each of the strips and between each half of each strip. The strips **34** may be held in place at the bottom by the screw eyes **33**. The bottom of the legs **20** and **21** may be tapered if desired so that they may be readily inserted into the sand at the beach.

It will be understood that vending booths and various other devices may be erected by the use of my collapsible structure and as many walls as may be required for any particular device.

From the foregoing it will readily be seen that I have provided a simple and efficient collapsible structure adapted for a multiplicity of uses, and one which may be readily erected and taken down and carried from place to place.

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

1. A supporting frame for a booth, comprising a cross bar, a pair of secondary bars pivotally connected to the cross bar at approximately the center thereof, legs pivotally connected to the said bars, means for releasably locking the said bars in extended position, and means for releasably locking the legs in extended position.

2. A supporting frame for a booth, comprising a cross bar, a plate pivotally connected to the said bar at approximately the center thereof, a pair of secondary bars carried by the plate one on each side of the cross bar, a pivotally mounted leg at the outer ends of each of the bars, a hook for releasably locking the bars when the said bars are in extended position, and hooks for releasably locking the legs when in extended position.

3. In a device of the nature described, a collapsible top structure, legs pivotally carried by the said structure, means for releasably locking the said structure when in extended position, means for releasably locking the legs when in extended position, pairs of interlocking bars removably carried by the legs, and a play ground forming strip carried by each pair of bars.

4. In a device of the nature described, a collapsible supporting frame, pairs of interlocking bars removably carried by the frame, and a strip of band forming material carried by each pair of bars.

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