

[54] COLLAPSIBLE CANOPY STRUCTURE

[76] Inventor: James P. Lynch, 6901 W. 87th Way, #304, Arvada, Colo. 80003

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[52] U.S. Cl. .... 135/110; 135/115

[58] Field of Search ..... 135/90, 109, 110, DIG. 2, 135/106, 107, 111, 112, 113; 52/109

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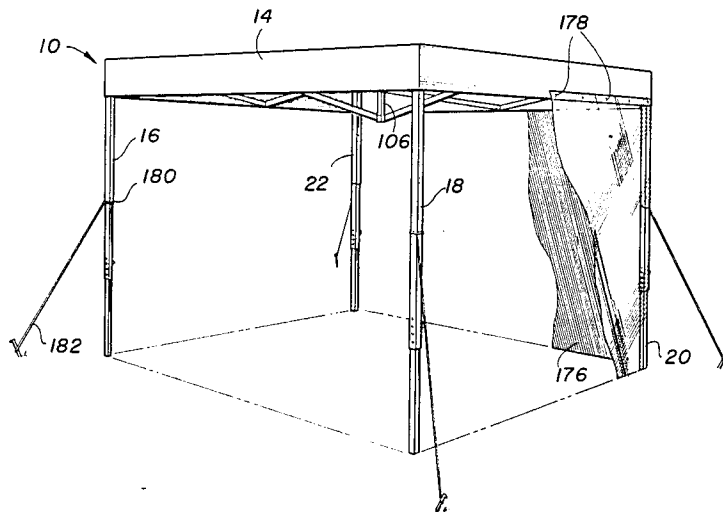
Primary Examiner—Richard J. Johnson

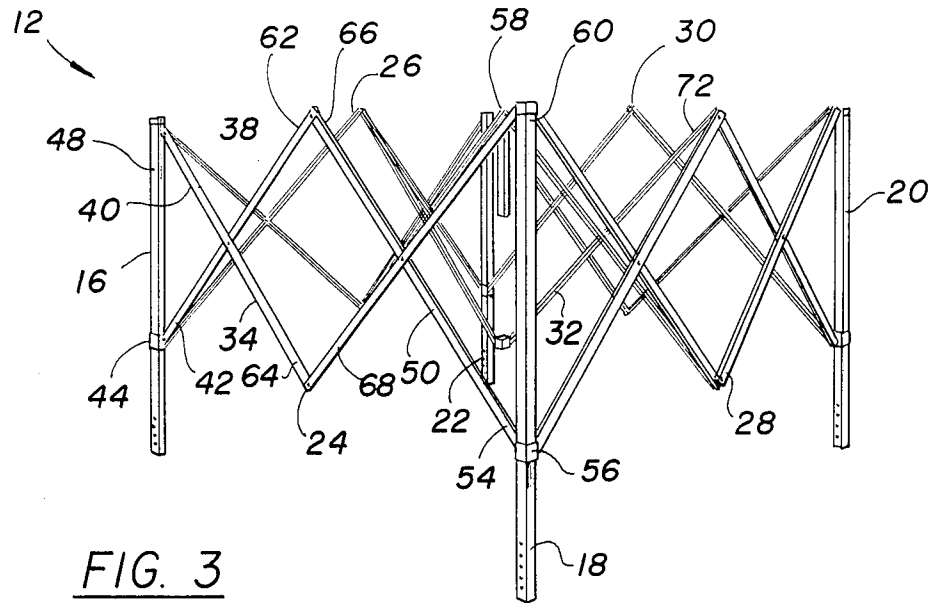
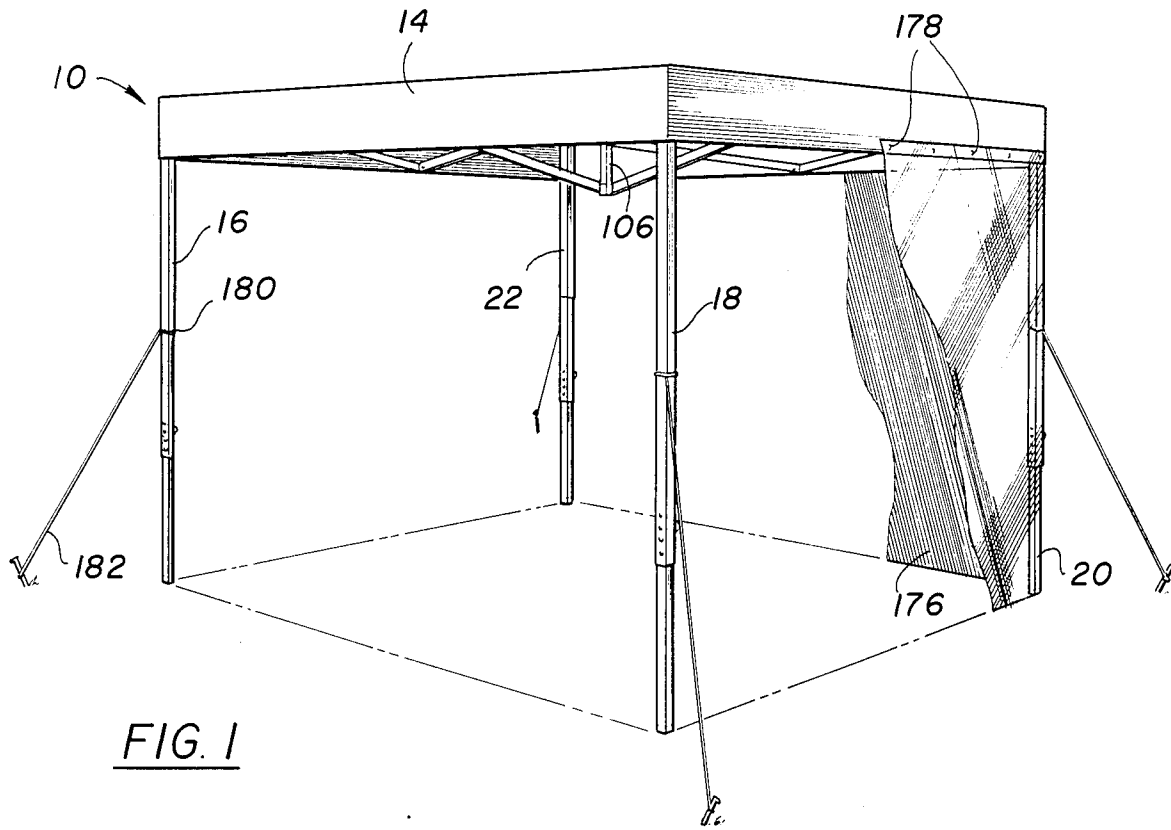
Attorney, Agent, or Firm—Timothy J. Martin

[57] ABSTRACT

A portable canopy structure may be erected from a collapsed state to an expanded state that shelters a desired surface. The canopy structure includes a dome-like covering that is held in position by a support framework having a plurality of upright support members that are interconnected by a plurality of scissor assemblies. Each upright support member slideably mounts a slide bracket, and a rigid bracket is mounted at its top. The scissor assemblies are connected to these brackets. Preferably the structure is in the form of a parallelepiped, and an internal scissor assembly extends between two facing side scissor assemblies which interconnect the upright supports. The covering extends across the tops of the supports and has side panels which depend downwardly from its perimeter, and the internal scissor assembly supports a central post that helps support the covering. A screen may be positioned around the support structure and may be connected to and be downwardly dependent from the side panels. Guy cords may be provided for the upright support members.

5 Claims, 10 Drawing Figures





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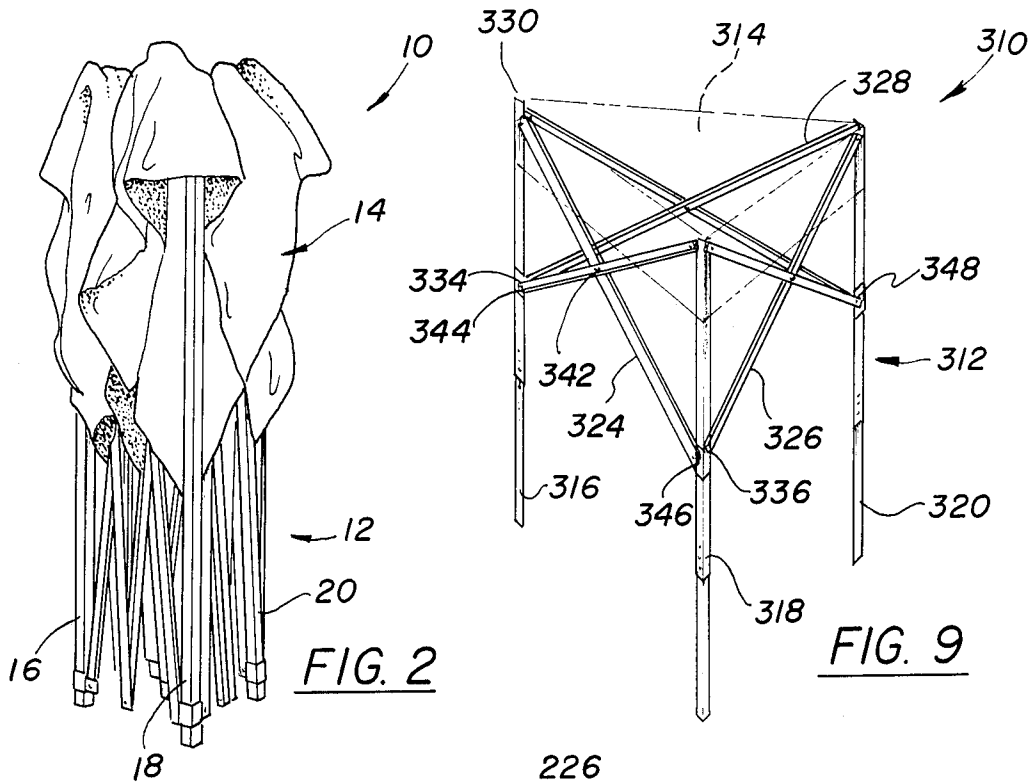


FIG. 2

FIG. 9

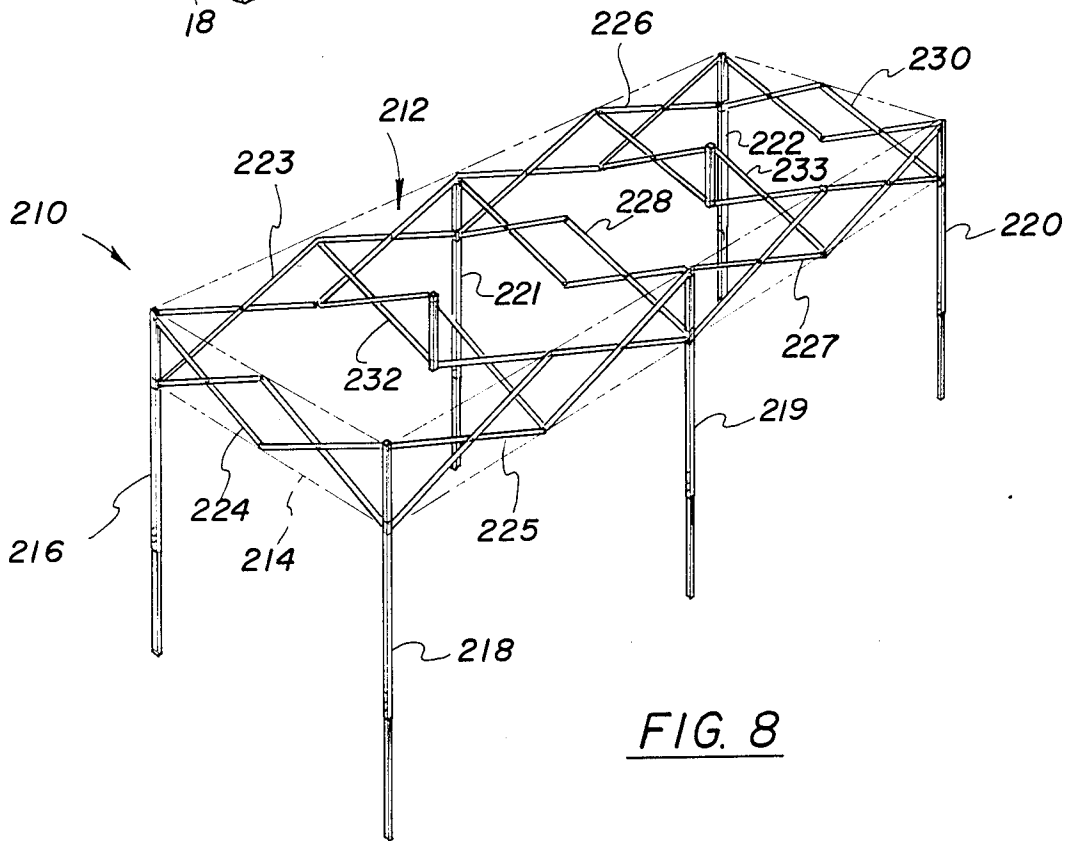


FIG. 8

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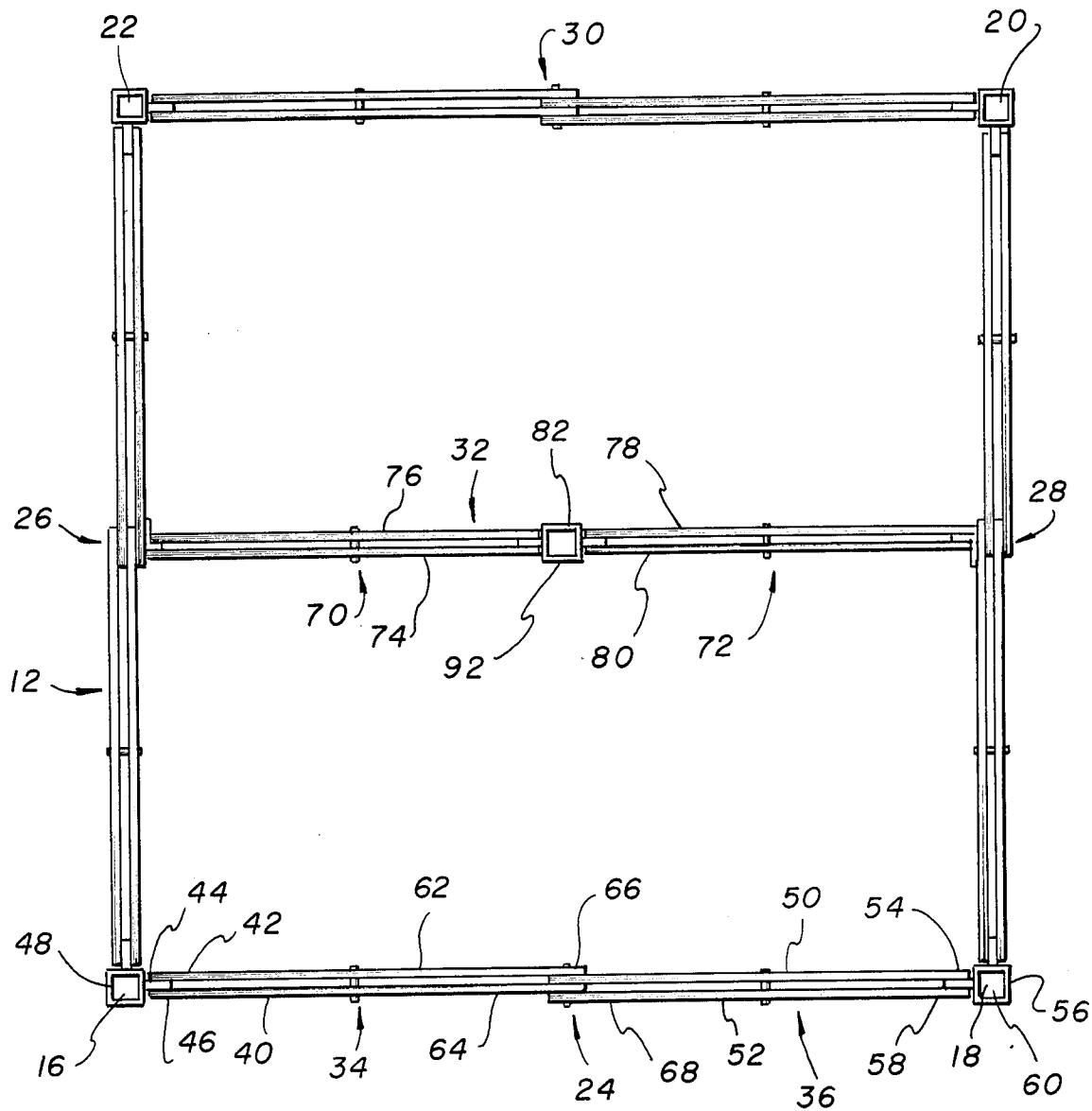


FIG. 3A



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