

*Walmart Inc., et al. (Petitioner)*  
v.  
*Caravan Canopy Int'l, Inc. (Patent Owner)*

IPR2020-01026  
Patent No. 5,944,040

# Petitioner Demonstratives

Oral Hearing  
September 15, 2021

## Presentation Overview

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# Overview of the '040 Pa

# The '040 Patent

**United States Patent** [19]  
**Jang**

[11] Patent Number: **5,944,040**  
 [45] Date of Patent: **Aug. 31, 1999**

[54] **COLLAPSIBLE TENT FRAME**  
 [76] Inventor: **Jung-Woo Jang**, 53-28 Gamsam Dong Dalseo-Ku, Daegu, Rep. of Korea  
 [21] Appl. No.: **09/082,482**  
 [22] Filed: **May 21, 1998**  
 [30] Foreign Application Priority Data  
 May 23, 1997 [KR] Rep. of Korea ..... 97-11752  
 [51] Int. Cl.<sup>5</sup> ..... **E04H 15/26**  
 [52] U.S. Cl. .... **135/126; 135/128; 135/130; 135/131**  
 [58] Field of Search ..... 52/79.5; 135/126, 135/128, 131, 130, 97

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*Primary Examiner—C. Szipl, LLP*  
*Assistant Examiner—D. Szipl, LLP*

[57] **ABSTRACT**  
 A collapsible tent frame is disclosed. The tent frame has a center pole used for stretching and sustaining a tent when pitching a tent. A plurality of side poles are coupled to each other through a plurality of scissor-type ribs, upper ends of the ribs being hinged to connectors proximate to top ends of the side poles and lower ends of the ribs being hinged to sliders movably fitted over the side pole. The center pole is coupled to the connectors of the side poles through a plurality of center pole ribs. The above center pole ribs individually consist of two rib members, which are coupled to each other through a hinge joint. Each center pole rib is also hinged to the slider of an associated side pole through a support link, thus being collapsible in accordance with a sliding motion of the slider along the side pole.

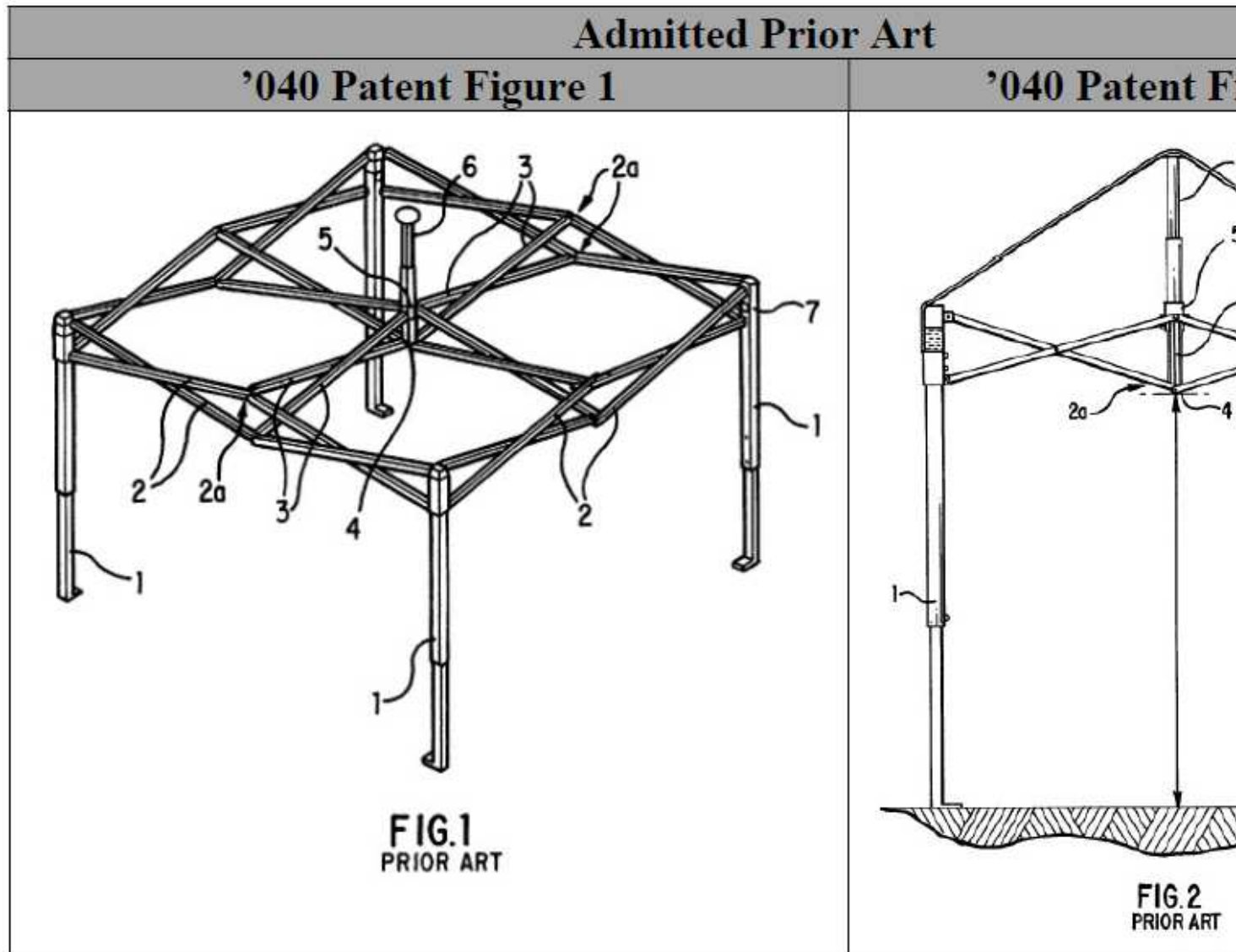
**3 Claims, 4 Drawing Sheets**

**United States Patent** [19]  
**Jang**

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 [45] Date of

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# The '040 Patent – Admitted Prior Art



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