

# United States Court of Appeals for the Federal Circuit

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CARAVAN CANOPY INTERNATIONAL, INC.,  
*Appellant*

v.

Z-SHADE CO., LTD., COSTCO WHOLESALE  
CORPORATION, LOWE'S HOME CENTERS,  
LLC, SHELTERLOGIC CORP.,  
*Appellees*

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2022-1642

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Appeal from the United States Patent and Trademark  
Office, Patent Trial and Appeal Board in No. IPR2020-  
01026, IPR2021-00449.

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## MANDATE

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In accordance with the judgment of this Court, entered  
December 6, 2023, and pursuant to Rule 41 of the Federal  
Rules of Appellate Procedure, the formal mandate is  
hereby issued.

Costs are awarded to appellee Z-Shade Co., Ltd. in the  
amount of \$43.12 and taxed against the appellant.

FOR THE COURT

January 12, 2024  
Date

  
Jarrett B. Perlow  
Clerk of Court