

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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ARROWS UP, LLC,  
Petitioner

v.

OREN TECHNOLOGIES, LLC,  
Patent Owner.

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Case IPR2018-01230  
Patent 9,248,772

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Before JACQUELINE WRIGHT BONILLA, *Deputy Chief Administrative  
Patent Judge.*

PANEL CHANGE ORDER  
Conduct of the Proceedings  
*37 C.F.R. § 42.5*

The parties are notified that the panel has changed in the above-referenced proceeding. *See* PTAB Standard Operating Procedure 1, Rev. 15. Due to unavailability, Administrative Patent Judge Paul J. Korniczky replaces Administrative Patent Judge Jeffrey A. Stephens on the panel.

Thus, Administrative Patent Judges Kevin W. Cherry, Michael L. Woods, and Paul J. Korniczky now constitute the panel for consideration of all matters in this proceeding. *See* PTAB Standard Operating Procedure 1, Rev. 15. All prior decisions and orders remain in effect. The parties may contact the Board at [Trials@uspto.gov](mailto:Trials@uspto.gov) if they have questions.

It is

ORDERED.

IPR2018-01230  
Patent 9,248,772

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