

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 No. IPR2018-01230  
U.S. Patent No. 9,248,772

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**DECLARATION OF ROBERT S. HILL IN SUPPORT OF  
PETITIONER'S UNOPPOSED MOTION FOR *PRO HAC VICE*  
ADMISSION OF ROBERT S. HILL**

I, Robert S. Hill, declare:

1. I am a partner in the law firm of Holland & Knight LLP, 200 Crescent Court, Suite 1600, Dallas, TX 55201, attorneys for Petitioner Arrows Up, LLC (“Arrows Up”). I have personal knowledge of the matters stated herein and could truthfully testify thereto. I submit this declaration in support of Petitioner’s Unopposed Motion for *Pro Hac Vice* Admission of Robert S. Hill.

2. I am a member in good standing of the State Bars of California and Texas, and have practiced patent litigation since 2005.

3. I litigate patent cases before various federal district courts, the United States Court of Appeals for the Federal Circuit, and the International Trade Commission. Through my years of practice, I have gained substantial experience in trials, discovery, *Markman* hearings, and appeals.

4. I have also appeared before the Office *pro hac vice* before and am familiar with IPR proceedings. I was admitted *pro hac vice* in *Denso Corporation and Clarion Co. Ltd. v. Beacon Navigation GMBH*, IPR2013-00026 (Paper No. 27). In the past three years, I have not applied for *pro hac vice* admission before the Office in any proceedings.

5. I have never been suspended or disbarred from practice before any court or administrative body.

6. I have never had any application for admission to practice before any court or administrative body denied.

7. I have never had sanctions or contempt citations imposed by any court or administrative body.

8. I have read and will comply with the Office Patent Trial Practice Guide and the Board's Rules of Practice for Trials set forth in part 42 of 37 C.F.R.

9. I will be subject to the USPTO Rules of Professional Conduct set forth in 37 C.F.R. §§ 11.101 et. seq. and disciplinary jurisdiction under 37 C.F.R. § 11.19(a).

10. I am very familiar with the subject matter at issue in this *inter partes* review. I have represented Arrows Up with respect to several other patents of similar subject matter as U.S. Patent No. 9,248,772 (the "772 patent"). During these representations, I have analyzed a significant number of patents, articles, and products in the field of transportation of hydraulic fracturing proppants.

I declare under penalty of perjury that the foregoing is true and correct.

/s/ Robert S. Hill

Robert S. Hill

Dated: March 20, 2019

Location: Dallas, Texas