



US 20240213911A1

(19) **United States**

(12) **Patent Application Publication**

**Almy et al.**

(10) **Pub. No.: US 2024/0213911 A1**

(43) **Pub. Date: Jun. 27, 2024**

(54) **TRUSS FOUNDATIONS FOR FROST-HEAVE  
AND OTHER REACTIVE SOIL  
ENVIRONMENTS**

(60) Provisional application No. 62/982,080, filed on Feb.  
27, 2020.

**Publication Classification**

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(51) **Int. Cl.**  
**H02S 20/32** (2014.01)  
**F16M 11/10** (2006.01)  
**F16M 11/18** (2006.01)

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(52) **U.S. Cl.**  
CPC ..... **H02S 20/32** (2014.12); **F16M 11/10**  
(2013.01); **F16M 11/18** (2013.01)

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(21) Appl. No.: **18/439,091**

(57) **ABSTRACT**

(22) Filed: **Feb. 12, 2024**

A truss foundation for single-axis trackers that are installed in climates that experience frost heave or reactive soils. Truss legs are oriented to be substantially plumb, to eliminate adfreeze moment on below-ground components in the frost zone. Elbow couplers are attached to the upper end of each embedded component and used to change the leg angle from plumb to angled.

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 17/187,488,  
filed on Feb. 26, 2021.

