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(12) **United States Patent**
Root

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- (54) **PORTABLE EXPANDABLE FIRE PROTECTION CHAMBER**
- (71) Applicant: **Warren N. Root**, Prescott, AZ (US)
- (72) Inventor: **Warren N. Root**, Prescott, AZ (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Primary Examiner — Davis Hwu
(74) *Attorney, Agent, or Firm* — Jerry Turner Sewell

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- (52) **U.S. Cl.**
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See application file for complete search history.

(57) **ABSTRACT**

A system and method provide portable protection against a fire. An expandable fire protection enclosure has at least a base enclosure member, an intermediate enclosure member and a top enclosure member. The enclosure members are nested in a transportable configuration. When needed, the expandable fire protection enclosure is placed on a surface and the enclosure members are pulled from the nested, transportable configuration to an occupiable, expanded configuration. The enclosure members are constructed from a thermally-resistant material such as thermal protection system (TPS) silica. The system may include a flexible barrier positionable around an inner perimeter of the base enclosure member. The system may be placed on a thermally protective blanket.

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15 Claims, 10 Drawing Sheets

