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**Rhee et al.**

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(54) **RAPIDLY ACTING DRY SEALANT AND METHODS FOR USE AND MANUFACTURE**

(75) Inventors: **Woonza M. Rhee**, Palo Alto, CA (US); **Cary J. Reich**, Los Gatos, CA (US); **A. Edward Osawa**, San Francisco, CA (US); **Felix Vega**, San Francisco, CA (US)

(73) Assignees: **Baxter International Inc.**, Deerfield, IL (US); **Baxter Healthcare S.A.**, Glattpark (Opfikon) (CH)

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(58) **Field of Classification Search**

None

See application file for complete search history.

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*Primary Examiner* — H. Sarah Park

(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend & Stockton LLP

(57) **ABSTRACT**

Compositions, methods, and kits are provided for sealing applications. Compositions are prepared by combining a first cross-linkable component with a second cross-linkable component to form a porous matrix having interstices, and combining the porous matrix with a hydrogel-forming component to fill at least some of the interstices. The compositions exhibit minimal swelling properties.

**34 Claims, 16 Drawing Sheets**