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**Anderson et al.**

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(54) **WOUND GLASS FILAMENT WEBS THAT INCLUDE FORMALDEHYDE-FREE BINDER COMPOSITIONS, AND METHODS OF MAKING AND APPLIANCES INCLUDING THE SAME**

(75) Inventors: **Stewart C. Anderson**, Eden Prairie, MN (US); **Wayne P. Miller**, Mounds View, MN (US)

(73) Assignee: **H. B. Fuller Company**, St. Paul, MN (US)

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(52) **U.S. Cl.** ..... **442/391**; 428/172; 428/180

(58) **Field of Classification Search** ..... 442/391;  
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See application file for complete search history.

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*Primary Examiner* — Norca L Torres Velazquez

(74) *Attorney, Agent, or Firm* — Allison Johnson; Kirshen Stone

(57) **ABSTRACT**

A method of making a wound glass filament web, the method including forming a plurality of continuous glass filaments, winding the filaments on a drum, and contacting the filaments with an aqueous binder composition having a pH of at least 4.0 and including an aqueous carboxy functional polymer and a condensation catalyst.

**32 Claims, 3 Drawing Sheets**

