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(54) **WAX TREATED ARTICLE AND METHOD OF MAKING**

(71) Applicant: **Ridley USA Inc.**, Mankato, MN (US)

(72) Inventors: **Chunjiang Fu**, North Mankato, MN (US); **Wajira Asanga Ratnayake Manamperi**, Madelia, MN (US); **Dan Dhuyvetter**, Saint Peter, MN (US)

(73) Assignee: **Alltech, Inc.**, Nicholasville, KY (US)

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(58) **Field of Classification Search**

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See application file for complete search history.

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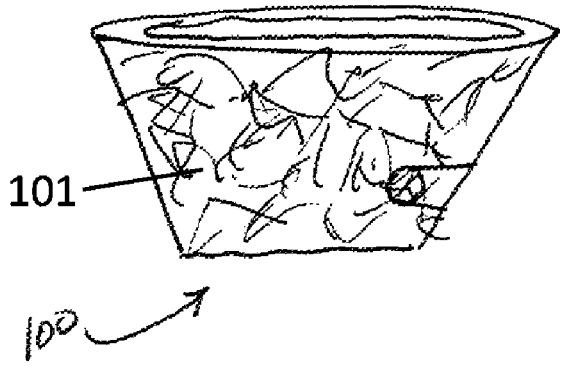
Primary Examiner — Cachet Sellman

(74) *Attorney, Agent, or Firm* — Kilyk & Bowersox, P.L.L.C.; Valerie Calloway

(57) **ABSTRACT**

Water swellable articles are treated with wax by applying a molten wax to the article, the wax having a kinematic viscosity of between about 0.1 cSt to 20 cSt at 100° C., wherein the temperature of the article at the time of applying is about 40° C. to 200° C., with the proviso that the temperature is not less than 30° C. below the melting point of the wax. Using this method of treatment, swelling of the article in water is reduced by at least 25% compared to the same article treated with molten wax wherein the article is at ambient temperature at the time the wax is applied.

14 Claims, 5 Drawing Sheets