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Marcantonio et al.

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(54) **HIGH PERFORMANCE ROLLER BEARING YO-YO**

(75) Inventors: **John V. Marcantonio**, North Smithfield, RI (US); **Dana E. Chicca**, Swansea, MA (US)

(73) Assignee: **Yomega Corp.**, Fall River, MA (US)

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Related U.S. Application Data

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(51) Int. Cl.⁷ **A63H 1/30**

(52) U.S. Cl. **446/250; 446/247**

(58) Field of Search **446/250, 251, 446/249, 243, 247, 252**

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Primary Examiner—Derris H. Banks

Assistant Examiner—Urszula M. Cegielnik

(74) *Attorney, Agent, or Firm*—John L. Lee

(57) **ABSTRACT**

A yo-yo includes a first yo-yo half defining a first starburst, a second yo-yo half defining a second starburst, and an axle fixedly mounted between said yo-yo halves. The yo-yo also includes a roller bearing fixedly attached to the axle, and a spool fixedly attached to the roller bearing, the spool having a circumferential outer rim with a groove therein. A bearing pocket defines an annular radial gap between each yo-yo half and the outer rim, the gap sufficiently small that a string cannot wedge in the gap.

8 Claims, 6 Drawing Sheets

