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**Ohara**

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(54) **FISHING REEL**

(71) Applicant: **Globeride, Inc.**, Tokyo (JP)  
(72) Inventor: **Takeshige Ohara**, Tokyo (JP)  
(73) Assignee: **GLOBERIDE, INC.**, Tokyo (JP)

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See application file for complete search history.

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*Primary Examiner* — Emmanuel M Marcelo  
(74) *Attorney, Agent, or Firm* — Pillsbury Winthrop Shaw Pittman, LLP

(57) **ABSTRACT**

An object of the present invention is to provide a fishing reel wherein a bearing rotatably supporting a drive shaft securely shuts out water from its interior so as to maintain stable sealing and thus smooth rotation for a long period wherein such a bearing can be readily built in. In accordance with one aspect, the fishing reel of the present invention includes a drive shaft to be rotationally driven for winding a fishing line around a spool. The drive shaft is rotationally supported by a magnetic fluid sealed bearing having an inner ring magnetic fluid retained between an inner ring and a polar plate retaining a magnet and/or between the inner ring and the magnet, and an outer ring magnetic fluid retained between an outer ring and the polar plate retaining the magnet and/or between the outer ring and the magnet.

**7 Claims, 12 Drawing Sheets**

