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- (54) **REFRIGERATOR AND METHOD FOR CONTROLLING THE SAME**
- (71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)
- (72) Inventors: **Eun Joo Lee**, Gyeongsangnam-do (KR); **Hang Bok Lee**, Gyeongsangnam-do (KR)
- (73) Assignee: **LG Electronics Inc.**, Seoul (KR)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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Primary Examiner — Andrew Roersma
(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

- (57) **ABSTRACT**
Provided is a refrigerator, which includes a refrigerating compartment, a freezing compartment, and a door assembly. The freezing compartment is adjacent to the refrigerating compartment. The door assembly selectively opens the refrigerating compartment and the freezing compartment. The door assembly includes a glass member defining a frontal exterior thereof and allowing an inside of the refrigerating compartment or the freezing compartment to be seen therethrough when the door assembly is closed, a deposition treated layer formed on a rear surface of the glass member to allow light to partially pass through the glass member, and a transparent plate spaced a predetermined distance from the glass member. Gas for insulation is injected in a space formed between the glass member and the transparent plate, and the space is sealed.

10 Claims, 11 Drawing Sheets

