



US012593855B2

(12) **United States Patent**
Roberts et al.

(10) **Patent No.:** **US 12,593,855 B2**
(45) **Date of Patent:** ***Apr. 7, 2026**

(54) **DRINK MAKER WITH DETACHABLY CONNECTABLE MIXING VESSEL**

(71) Applicant: **SharkNinja Operating LLC**,
Needham, MA (US)

(72) Inventors: **Matthew Roberts**, Needham, MA (US);
Michael Lerman, Providence, RI (US);
Macrae Benziger, Dedham, MA (US);
Alexander Mularski, Auburn, MA (US); **Joyce Tu**, Melrose, MA (US);
Cameron John Auger, Watertown, MA (US)

(73) Assignee: **SharkNinja Operating LLC**,
Needham, MA (US)

(*) 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.

(21) Appl. No.: **18/423,894**

(22) Filed: **Jan. 26, 2024**

(65) **Prior Publication Data**

US 2025/0234887 A1 Jul. 24, 2025

Related U.S. Application Data

(63) Continuation-in-part of application No. 18/415,817, filed on Jan. 18, 2024.

(51) **Int. Cl.**
A23G 9/22 (2006.01)
A23G 9/04 (2006.01)

(52) **U.S. Cl.**
CPC **A23G 9/22** (2013.01); **A23G 9/045** (2013.01)

(58) **Field of Classification Search**
CPC A23G 9/045; A23G 9/06; A23G 9/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

531,718 A 1/1895 Detwiler et al.
718,319 A 1/1903 Cunningham
(Continued)

FOREIGN PATENT DOCUMENTS

CA 246582 C 2/2008
CN 3029700 1/1995
(Continued)

OTHER PUBLICATIONS

Complaint for Declaratory Judgment, *Foshan Macjerry Technology Co., Ltd. v. SharkNinja Operating LLC*, No. 2:25-cv-00954 (W.D. Wash. May 19, 2025), 59 pages.
(Continued)

Primary Examiner — Claire X Wang
Assistant Examiner — Patrick M Mccarty
(74) *Attorney, Agent, or Firm* — The Webb Law Firm

(57) **ABSTRACT**

A frozen drink maker is described that includes a housing, a mixing vessel to mix a drink product, and a flexible seal. The housing includes an upper housing section and a lever moveable relative to the upper housing section between a coupled position and an uncoupled position. The flexible seal is between the upper housing section and the mixing vessel. The lever couples the mixing vessel to the upper housing section when in the coupled position and uncouples the mixing vessel from the upper housing section when in the uncoupled position. When the lever is in the coupled position, the mixing vessel is sealed against the upper housing section by the flexible seal.

32 Claims, 45 Drawing Sheets

