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Chowdhury

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- (54) **TEATCUP LINER SERIES WITH VARYING MOUTHPIECE FLEXIBILITY**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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- (65) **Prior Publication Data**
US 2016/0198672 A1 Jul. 14, 2016

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- (63) **Related U.S. Application Data**
Continuation of application No. 14/329,209, filed on Jul. 11, 2014, now Pat. No. 9,204,616, which is a continuation of application No. 13/719,304, filed on Dec. 19, 2012, now Pat. No. 8,813,681, which is a continuation of application No. 12/836,630, filed on Jul. 15, 2010, now Pat. No. 8,375,894.

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CPC *A01J 7/00* (2013.01); *A01J 5/08* (2013.01)
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See application file for complete search history.

- (57) **ABSTRACT**
- A teatcup liner comprises an upper mouthpiece, an intermediate barrel and a lower connecting tube. The upper mouthpiece further comprises a mouthpiece transition, a mouthpiece lip, and a groove formed in an outer surface of the upper mouthpiece. The intermediate barrel extends along an axial direction for receiving a teat inserted axially thereinto through said mouthpiece. An inner dimension of the upper mouthpiece defines a cavity bore and the groove is located substantially in line with the largest diameter of the cavity bore.

5 Claims, 5 Drawing Sheets

