



US006032571A

United States Patent [19]

[11] Patent Number: **6,032,571**

Brous et al.

[45] Date of Patent: **Mar. 7, 2000**

[54] **AUTOMATED HOME BEER BREWING MACHINE AND METHOD**

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[57] **ABSTRACT**

An automated home beer brewing machine and method makes beer in a single vessel under automatic control. The machine and method allows making of wort for beer without requiring apparatus to be sanitized, without boiling the wort, without the use of a traditional water-filled fermentation lock, and without using a wort chiller or ice-packing of a brewing pot. The inventive single-vessel automated brewing operation allows the user to load ingredients, conduct a grain-steeping if desired, and then automatically carries out the rest of the brewing process in a single vessel, until summoning the user days later to sugar-prime and bottle the beer. Thus, the user is required to provide much less time and labor than conventional home beer brewing, and the invention also frees the home-hobby brewer of much of the current art traditionally attached to home brewing.

[21] Appl. No.: **09/174,703**

[22] Filed: **Oct. 19, 1998**

Related U.S. Application Data

[62] Division of application No. 08/851,696, May 6, 1997.

[51] **Int. Cl.**⁷ **C12C 13/10**

[52] **U.S. Cl.** **99/277.2; 99/348; 366/249**

[58] **Field of Search** 99/277.1, 277.2, 99/348, 278, 276; 366/244, 245, 246, 247, 248, 249, 222, 223, 224

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18 Claims, 11 Drawing Sheets

