



US012014618B2

(12) **United States Patent**
Basiri

(10) **Patent No.:** **US 12,014,618 B2**
(45) **Date of Patent:** **Jun. 18, 2024**

(54) **WEARABLE REMINDER FOR DRINKING**

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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.

(21) Appl. No.: **18/052,920**
(22) Filed: **Nov. 6, 2022**

(65) **Prior Publication Data**
US 2024/0153373 A1 May 9, 2024

(51) **Int. Cl.**
G08B 21/24 (2006.01)
G06K 7/10 (2006.01)
(52) **U.S. Cl.**
CPC **G08B 21/24** (2013.01); **G06K 7/10297** (2013.01); **G06K 2007/10534** (2013.01)
(58) **Field of Classification Search**
CPC G08B 21/24; G06K 7/10297; G06K 19/0723; G06K 7/10396
USPC 235/451
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

9,334,150 B1 * 5/2016 Ost B67D 1/0888
2008/0303638 A1 * 12/2008 Nguyen G06Q 10/00
707/E17.014
2009/0294521 A1 * 12/2009 de la Huerga A61J 1/035
235/375
2014/0340229 A1 * 11/2014 Wu G16H 10/60
340/603
2015/0095168 A1 * 4/2015 Zises G06Q 50/12
705/15
2019/0290392 A1 * 9/2019 Hansen A61B 90/98

* cited by examiner

Primary Examiner — Ahshik Kim

(57) **ABSTRACT**

The present disclosure generally relates to drink reminder, and more particularly, to a wearable reminder for drinking in a bracelet or a finger ring form factor. One of issues that cause illness in elderly or persons with special illness or ordinary persons due to improper habit, is frequently they forget to drink enough amounts of liquid and this inadequate drink lead to dehydration. Using special drinkware which comprises bulky circuits and batteries is not convenient for users and people like to use their own personal drinkware, mug, cup or glass. This disclosure proposes a wearable reminder for drinking and can be used with any kind of drinkwares and only need to attach an active, passive or semi-active RFID tag to the drinkware. The user wears a wearable like bracelet or a finger ring and wearable reminds him/her based on predefined time schedule or condition.

2 Claims, 6 Drawing Sheets

