

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111055440 A

(19) INDIA

(22) Date of filing of Application :30/11/2021

(43) Publication Date : 12/01/2024

(54) Title of the invention : SYSTEM AND METHOD FOR MEASUREMENT OF MILK QUANTITY IN MILK CANISTER

(51) International classification :A63B0071060000,
G01G0017040000,
G01F0013000000,
A01J0005010000,
G01F0001000000

(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number:NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)CHITKARA INNOVATION INCUBATOR
FOUNDATION**
Address of Applicant :SCO: 160-161, SECTOR – 9C,
MADHYA MARG, CHANDIGARH – 160009, INDIA
Chandigarh India

(72)Name of Inventor :
**1)Harsimran Jit Kaur
2)Shivani Malhotra
3)Amit Pandey
4)Rubina Dutta
5)Poonam Jindal
6)Gurpuneet Singh Randhawa**

(57) Abstract :

Title: SYSTEM AND METHOD FOR MEASUREMENT OF MILK QUANTITY IN MILK CANISTER ABSTRACT A system (100) for measurement of milk quantity, the system (100) comprising: a milk canister (102) configured to receive milk poured by a user. The milk canister (102) comprises: a load sensor (112) installed at a bottom of a body (104) of the milk canister (102), to sense a weight of the milk poured in the milk canister (102); a display unit (114) attached on the body (104) of the milk canister (102), to display a volume of the milk; and a control unit (116) configured to: receive the sensed weight of the poured milk from the load sensor (112); convert the sensed weight of the poured milk by using a pre-determined multiplying factor to calculate the milk quantity in a volumetric unit such that volumetric unit is Liters (L); and display the calculated milk quantity in the volumetric unit on the display unit (114) in real time. Claims: 10; Figures: 3 Figure 1 is selected.

No. of Pages : 19 No. of Claims : 10