

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341009566 A

(19) INDIA

(22) Date of filing of Application :14/02/2023

(43) Publication Date : 24/02/2023

(54) Title of the invention : DESIGN SYSTEM OF HEALTHY CANDY USING BLUE BUTTERFLY PEA AND NICKER NUT

(51) International classification :A61K0036480000, A61P0003100000, A23L0029300000, A23L0033100000, A23L0033000000
(86) International Application No :PCT// /
Filing Date :01/01/1900
(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)Paavai Engineering College (Autonomous)

Address of Applicant :Paavai Engineering College (Autonomous) Paavai Nagar, Pachal, Namakkal, TamilNadu 637018 Namakkal -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Ms. V. Thabitha Zelin Rachel, Paavai Engineering College (Autonomous)

Address of Applicant :Assistant Professor, Department of Food Technology, Paavai Engineering College (Autonomous) Paavai Nagar, Pachal, Namakkal, TamilNadu 637018 Namakkal -----

2)Mr. M. Ponmanian, Paavai Engineering College (Autonomous)

Address of Applicant :Assistant Professor, Department of Pharmaceutical Technology, Paavai Engineering College (Autonomous) Paavai Nagar, Pachal, Namakkal, TamilNadu 637018 Namakkal -----

3)Ms. N.Pavithra, Paavai Engineering College (Autonomous)

Address of Applicant :Third year Student, Department of Food Technology, Paavai Engineering College (Autonomous) Paavai Nagar, Pachal, Namakkal, TamilNadu 637018 Namakkal -----

4)Ms. P.A.M. Harini, Paavai Engineering College (Autonomous)

Address of Applicant :Third year Student, Department of Food Technology, Paavai Engineering College (Autonomous) Paavai Nagar, Pachal, Namakkal, TamilNadu 637018 Namakkal -----

(57) Abstract :

Clitoria ternatea (Blue Butterfly Pea) is a flower from a medicinal plant which have more therapeutical properties and is easily available. It has many medicinal properties including anti-diabetic, antioxidant anti-asthmatic, anti-aging, etc., It also helps in maintenance of better blood sugar level and helps improving hair and skin health. It is rich in nutrition like carbohydrates, protein, fat and Ash. C.ternatea flower is shade dried and the sepals were removed for this process. The powder was extracted by using different unit operations like drying, grinding and boiling. The seeds of C.boundella (Nicker Nut) were used as a main therapeutic agent which are effective against several ailments attributed to PCOS and PCOD problems in women. Fresh candies were prepared by using the extracts of C.bouncella and C.ternatea which are rich in Nutritional and Medicinal values. Thus, this herbal health gummies are formulated with enormous health benefits. In the case of this herbal candy developed, blue butterfly pea and nicker nut along with some flavours like sweeteners and citric acid contents (Lemon) are added and this product can be used to aid in the problems like PCOD and PCOS and diabetes.

No. of Pages : 8 No. of Claims : 4