

(54) Title of the invention : Instant mushroom soup composition

(51) International classification :A23L31/00, A23L27/14, A23L3/40, A23L5/10
 (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)Swami Vivekananda University
 Address of Applicant :Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
Name of Applicant : NA
Address of Applicant : NA
 (72)Name of Inventor :
1)Dr. Tanmoy Sarkar
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
2)Dr. Sudip Sengupta
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
3)Dr. Suprabuddha Kundu
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
4)Dr. Parijat Bhattacharya
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
5)Dr. Ria Mukhopadhyay
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
6)Dr. Mahafuzar Rahaman
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
7)Dr. Anirneeta De
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
8)Dr. Animesh Ghosh Bag
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
9)Mr. Rakesh Das
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
10)Mr. Tanmoy Majhi
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
11)Ms. Sayani Bhowmick
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
12)Akash Biswas
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
13)Madhuchandra Sen
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
14)Ananya Ghosh
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
15)Anushree Biswas
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
16)Kankana Panda
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
17)Sangita Kundu
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
18)Sabarna Ghosh
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
19)Ankita Das
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
20)Akshay Mondal
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----
21)Joy Adhikari
 Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, West Bengal 700121, India. -----

(57) Abstract :

The present invention relates to an instant mushroom soup formulation designed for quick preparation, extended shelf life, and high nutritional value. The formulation comprises dusted mushrooms, dry oyster mushrooms, dried vegetables (carrot, capsicum, beans, onion, and garlic), salt, and black pepper powder. The ingredients undergo careful selection, dehydration, grinding, and homogenization to retain essential nutrients and flavors while ensuring long-term stability. The method of preparation includes hot air drying or freeze-drying, followed by fine blending and packaging in moisture-proof sachets. The soup is instantly reconstitutable by adding hot water, making it highly convenient for consumers. Free from artificial additives, the invention provides a healthy, cost-effective, and eco-friendly alternative to conventional soups. The formulation is suitable for various dietary preferences and offers broad market applicability.

No. of Pages : 16 No. of Claims : 8