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PUBLICATION OF THE PATENT OFFICE

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KALABURAGI

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(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

11th DECEMBER, 2020

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(54) Title of the invention : APPLICATION OF MARINE BASED MINERALS AS FOOD SUPPLEMENTS

(51) International classification	:A23L 31/105	(71)Name of Applicant :	1)Dr.Aruna Kumari Nakkella Address of Applicant :Assistant Principal, Dr.BR Ambedkar University, Srikakulam, D.No: 20-14-13, Ramachandra Rao Peta, Near SBI, Kambal Tank Branch, Rajamahendravaram, East Godavari, Andhra Pradesh, India-533 103. Andhra Pradesh India
(31) Priority Document No	:NA	2)Dr.Surendra Kumar Yadav	
(32) Priority Date	:NA	3)Dr.Santosh Karajgi	
(33) Name of priority country	:NA	4)Dr.A.Chandra Sekhar	
(86) International Application No	:NA	5)Dr.P.Chandra Obul Reddy	
Filing Date	:NA	6)Dr.Parvathi	
(87) International Publication No	:NA	7)Dr.V.Nagalakshmi	
(61) Patent of Addition to Application Number	:NA	8)Dr.Savita Mishra	
Filing Date	:NA	9)Dr.C.Sivanandha Reddy	
(62) Divisional to Application Number	:NA	10)Mr.Devendra Singh	
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(57) Abstract :

ABSTRACT: Title: Application of Marine Based Minerals as Food Supplements The present disclosure proposes an application of Marine based minerals as food supplements which is used for isolation, identification and characterization of marine-derived bioactive compounds with various therapeutic potentials. The application of marine based minerals as food supplements, comprises of a diverse range of bioactive molecules with extensive application as nutraceuticals in food and supplement industry, and wherein the bioactive molecules comprises of proteins peptides, polysaccharides, fatty acids, phenolic compounds and pigments, marine enzymes, vitamins and minerals. The marine based nutraceutical products are configured with anti-oxidant, anti-hypertensive and anti-skin aging property and various diseases are prevented and cured using the proposed cost effective marine based nutraceutical product.

No. of Pages : 17 No. of Claims : 6

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FORM 2

THE PATENT ACT, 1970

(39 of 1970)

&

The Patent Rules, 2003

COMPLETE SPECIFICATION

(See section 10 and rule 13)

1. TITLE OF THE INVENTION:

Application of Marine Based Minerals as Food Supplements

2. APPLICANT:

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3. PREAMBLE TO THE DESCRIPTION:

The following specification particularly describes the invention and the manner in which it is to be performed:

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