(19) INDIA

(22) Date of filing of Application :03/08/2021 (43) Publication Date : 03/03/2023

## (54) Title of the invention: MATTRESS TO CONTROL TEMPERATURE AND PROVIDING MASSAGE

(51) International classification	A61B0005000000, A61N0005060000, A61B0005110000, A61F0007080000	(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:
(31) Priority Document No	:NA	1)SAKSHI
(32) Priority Date	:NA	2)SHARMA, Chetan
(33) Name of priority country	:NA	3)JAIN, Shaily
(86) International Application No	:NA	4)DAS, Prasenjit
Filing Date	:NA	5)SHAMBHU, Shankar
(87) International Publication No	: NA	6)KUKREJA, Vinay
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present disclosure pertains to a mattress 100 for controlling temperature of the mattress 100, and providing massage to a user. The mattress 100 comprising heating means 102 such as heating pads positioned across the mattress 100, an interface 106 that facilitate in providing one or more commands to control one or more operations, and a processing unit 118. The processing unit 118 is configured to heat the heating means 102 to a temperature set by a user from the interface 106. The mattress 100 also include massaging assembly 110 that facilitate in providing massage to one or more body parts of the user. Also, the mattress 100 facilitates in awakening the user on a pre-set time by disturbing sleep of the user lying on the mattress.

No. of Pages: 17 No. of Claims: 8