

(54) Title of the invention : A SMART RESTING ELEMENT FOR THE CRITICALLY ILL

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(57) Abstract :
The present invention describes an essentiality to design the sophistication to minimize the risk of transmitting airborne pathogens, thus preserving a sterile and healing environment for the patients and staff. This paper proposes a novel hospital mattress with smart controls. Temperature control is one of the most important features to look for in the heated mattress. Every human body has different heat preferences based on if they are a hot or cold sleeper. A RTD with clear indication of temperature allows you to regulate heat according to changing weather. The developed invention is used to maintain the mattress temperature between 20 degree to 40 degree Celsius.

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