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(54) Title of the invention : ADJUSTABLE BED PARTITIONING DEVICE

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(57) Abstract :

The present invention relates to an adjustable bed partitioning device comprising a cylindrical body 1 attached between longitudinal edges of two beds 2 such that the bed 2 is crafted with a cavity equipped with telescopic links 3 attached with the body 1, an imaging unit 4 installed on the body 1 coupled with a kinetic sensor for detecting body movements of occupants sleeping on the bed 2, multiple slots 5 integrated on the body 1 and equipped with retractable mesh frame 6 for deploying mesh partition for separating the beds 2 partially or completely as per the movements of the occupants and a pair of electromagnetic panels 7 arranged on the body 1 and affixed at edges of the body 1 that develops magnetic field of opposite or similar polarity for joining or separating the beds 2.

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