CLAIMS

1. A bed system (2) comprising a bed frame (4) and a mattress assembly (6) pivotably mounted on the bed frame (4) for pivoting the mattress assembly about a pivot axis (X_P)

5   to form a pivot angle (V_P) between the mattress assembly (6) and a longitudinal axis (X_L) of the bed frame (4), the mattress assembly (6) comprising a back part (8), a seat part (10) and a leg part (12), wherein a back normal (N_B) of the back part (8) and the pivot axis (X_P) forms a back angle (V_B), a seat normal (N_S) of the seat part (10) and the pivot axis (X_P) forms a seat angle (V_S), and a leg normal (N_L) of the leg part and

10   the pivot axis (X_P) forms a leg angle (V_L), the bed system (2) comprising a controller device (14), wherein the controller device (14) is configured to:

       move the mattress assembly from a first position to a second position, wherein, in the second position, the leg angle (V_L) is a second leg angle larger than 45 degrees, **characterized in that**, in the second position, the pivot angle (V_P) is a second pivot

15   angle in a range from 30 degrees to 80 degrees and the back angle is a second back angle larger than 70 degrees, and wherein the controller device (14) is configured to receive a storing request via a user interface (16), and store one or more bed settings in accordance with the storing request, wherein to store one or more bed settings in accordance with the storing request comprises obtaining a current bed setting,

20   determining if the current bed setting satisfies a bed setting criterion, and in accordance with the current bed setting satisfying the bed setting criterion, storing the current bed setting as position settings in a memory of the controller device.

2. Bed system according to claim 1, wherein the second pivot angle is in the range from

25   40 degrees to 75 degrees.

3. Bed system according to any of claims 1-2, wherein, in the second position, the seat angle is a second seat angle less than 30 degrees.

30   4. Bed system according to any of claims 1-3, wherein, in the second position, a primary part angle (V_P_P) between the leg normal of the leg part and the seat normal of the seat part is a second primary part angle larger than 90 degrees.

5. Bed system according to any of claims 1-4, wherein, in the second position, a

35   secondary part angle (V_S_P) between the back normal of the back part and the seat