

Title (en)
A SEAT

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SITZ

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Application
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Priority
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Abstract (en)
[origin: GB2492188A] A seat with a contoured pan is adapted to support each ischial tuberosity of the pelvis of the user. The contoured pan further comprises two concavely shaped pads 14 adapted to support the thighs of a user at an optimal selected angle of 27 degrees to the horizontal plane, or at least within the range of 22-32 degrees to the horizontal. The seat further includes a leaf spring 22 linkage between the rear sides of the pads 14 that allows for roll movement as a user sits on the seat. A back portion 19 is pivotally mounted to the distal end of the seat. When the user sits down a force F is applied to the seat and the back moves in a direction L toward the vertical engaging with the user. The combined features enable a user to be directed into a comfortable seating position that emulates the shape of the spine when standing.

IPC 8 full level
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