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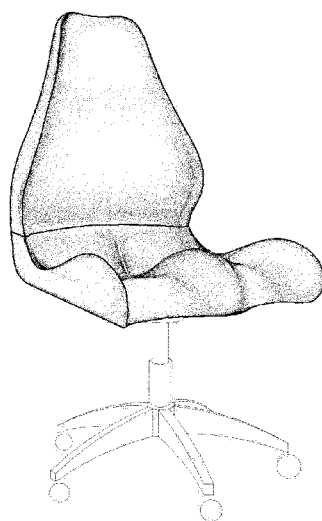


FIG. 1

(57) Abstract: The seat has a shape that matches the natural contours of an occupant's buttocks, thighs, and upper legs, wherein: The seat's concave backward portion connects to the concave lowest portion of the said seat back, creating a dedicated concave zone that contours the occupant's buttocks closely; the seat's concave backward portion has in its center a small hump that contours tightly an occupant's sacrum and coccyx if his buttocks are fitting inside the dedicated concave zone; the seat's forward portion has a wide W-shape that contours the occupant's upper legs and the seat back contours the occupant's back, wherein the seat back is height - adjustable to ensure that it well contours the occupant's spine; the seat back is positioned in a way that the occupant's back stays at an angle close to verticality, with his upper legs at an angle that is slightly greater than 90 degrees to the body's alignment.



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