

Abstract**A Dining Chair with Reclining Mechanism**

- 5 A dining chair has a reclining mechanism. The dining chair comprises of plurality of legs, a base, backrest and supporting surfaces. This invention provides a mechanism to enable a dining chair to recline and automatically retract to its original position once the reclining force is removed.
- 10 This invention enables the user to secure an accurate posture of sitting and also enable the user to enjoy the relaxing posture while sitting on the same dining chair. The reclining dining chair comprises of a reclinable mechanism that could be embedded or attached to the dining chair. The dining chair
- 15 comprises of a reclining backrest and other members of a common dining chair, comprises of plurality of legs, a base and other supporting surfaces that allow movements to the backrest with respect to other members of the said dining chair. The movement comprises a range of reclining movements
- 20 where the backrest is able to move between upright positions to a certain range of angle until the maximum reclining angle is reached. The backrest will automatically retract to its original position once the force is removed.
- 25 Most illustrative diagram: Figure 6



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