

CONVERTIBLE FURNITURE FOR SMALL LIVING SPACES

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ABSTRACT

The title of this project is “Convertible Furniture For Small Living Spaces”. In this project, the objective is to construct a type of furniture which can transform into multiple forms. Here the type of furniture being constructed is a chair which can transform into a table with a seat. The reason these objects were chosen was because of their commonality; objects which are needed and always used. By having a single object play the roles of two objects, the amount of furniture needed can be reduced to a minimum. The goal is to fulfill necessity and save space, not to provide luxury. Now in order to do this, a mechanism had to be designed to allow the piece of furniture to transform from one form to the next and back again. The mechanism consists of internal framework reliant on a motor with a control circuit to control its movement.