

IDEA

LUNCH BOX FOR CHILDREN WITH DISABLED HAND

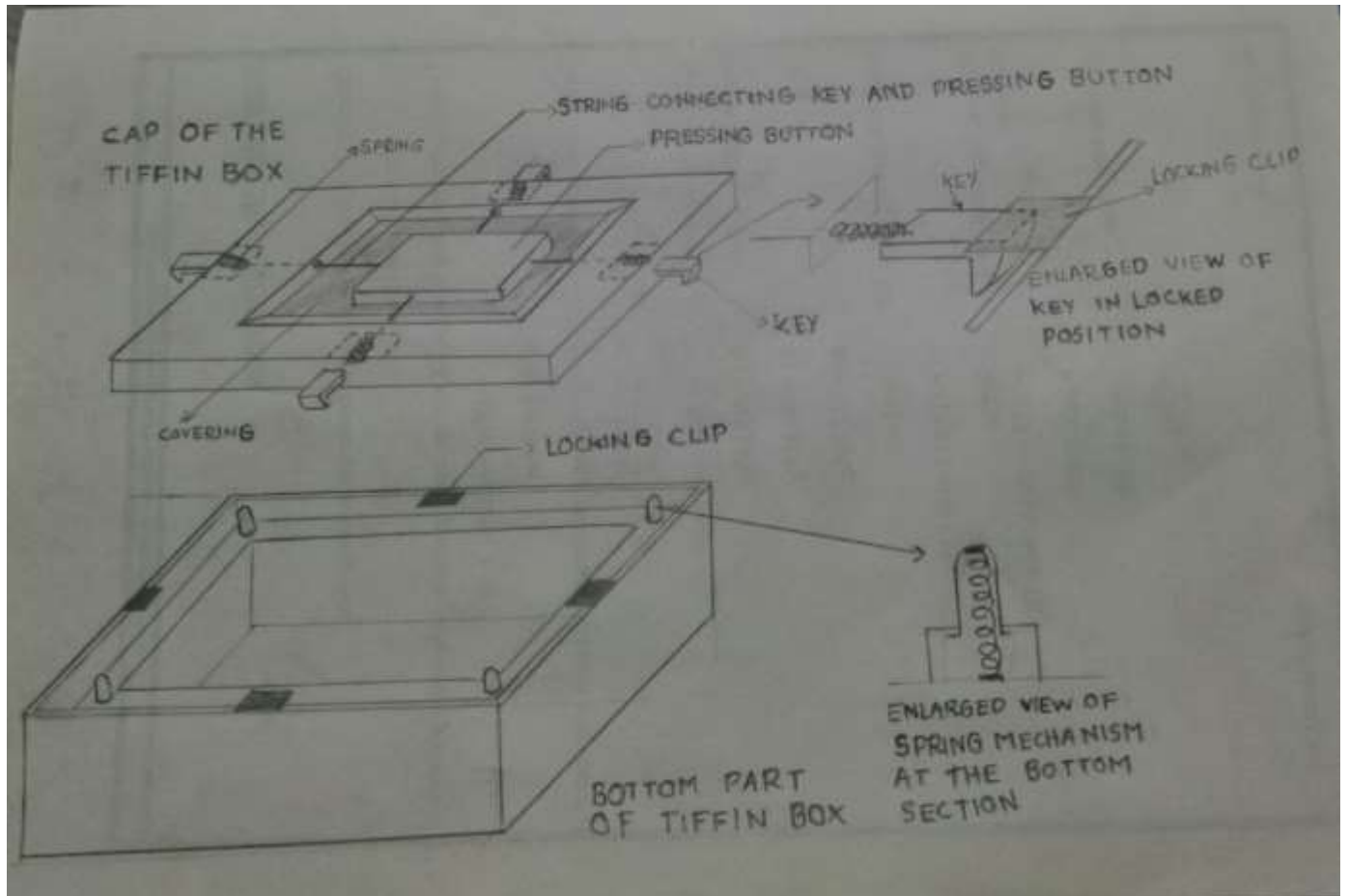
It's difficult for children with disabled hand to open their lunch box, because we need to use our fingers to open a lunch box, My idea is a lunch box with simple and effective locking mechanism which is suitable for both able and disabled children.

FUNCTIONALITIES

Cap of the tiffin consist of a press button which is located in a dip. The lunch box can be opened by simply pressing this button. The press button is located in a dip to avoid accidental opening of the lunch box. Lunch box can be closed easily by pressing cap against bottom part of lunch box

When we press the button, the string connecting press button and the key pulls the 4 keys located on the edge of the cap inside. This will release the cap from the bottom part of tiffin box. Four springs located on the corners of bottom section of tiffin box provide pushing

action, which enhances releasing of cap while opening. A sample sketch of the design is shown in the figure



IMPORTANCE

Disabled people are also part of our society. So it's our duty to help them to overcome their disabilities. Seeking design solutions that meet the needs of disabled result in a better overall design, benefiting both able and disabled