



Consolation Award

Slider Swing

Sapan Kumar Mandal
Nadia, West Bengal

Sapan Mandal (52) is a well-known electrician in his locality. He had to discontinue studies after completing 10th examination due to financial problems in his family. However, his interest in modifying and improving machines led him to develop various machines over a period of time.

Mandal's swing can slide on a rail guide, with the help of two bearings, giving smooth operation and starts to swing with a mild push. It swings like a pendulum over the rail guides and can accommodate two adults at a time. During the birth of his daughter 15 years ago, he made this swing for her. It is

designed in such a manner that the swing can be modified according to the age of child. When his daughter was an infant, the swing was used as a bed for the baby. When she was a toddler the slides of the swing were protected by rods, for protecting her from falling down while in the swing. When she was able to sit on her own, the rods were removed and back-rest was added to make it comfortable for sitting.

The bulky structure of steel frame and chains has been eliminated making it light at 40 kg and at a cost of Rs 4000 only.

