Systematic Wall Constructing Tool

Gangodawila, Gangodawila Kankanamalage (School: International Baccalaureate School at Bartow High)

During brick wall construction, lots of material are wasted and there can be flaws due to human errors. These flaws make brick walls weak. Further, prevailing method of building a wall is labor & time consuming. Therefore an apparatus was invented to mitigate above problems. Two perpendicular rods are fixed as brick holders to level the wall. The distance between the shafts can be adjusted as per the width of the of the brick wall. Two additional shifters are fixed to put cement mixture into the cavities in a uniform way. With this apparatus the wastage of cement and time were largely reduced.

Awards Won:

Fourth Award of $500