

ABSTRACT

AUTOMATIC BICYCLE HANDLEBAR CORRECTING AND WAREHOUSING SYSTEM

A system for automatically correcting bicycle handlebar and warehousing the bicycle includes a bicycle and a warehouse box (14) for storing the bicycle. An encoder (9) is mounted on a bicycle frame for recording a rotation angle of a stem (2) and sensing whether the handlebar is corrected. A rear-wheel correcting and fine-adjusting device (17) is provided in the warehousing box (14) or on the bicycle frame. The rear-wheel correcting and fine-adjusting device (17) automatically twists a rear wheel (20) according to a deviation angle record of the encoder (9) on the bicycle frame so that the rear wheel and a front wheel (3) are in a line. The system can automatically correct and warehouse a handlebar, thereby facilitating the automatic storage and greatly reducing the storage space.

(FIG. 1)