

PARKING STRUCTURE FOR A BICYCLE

Abstract

5 The present invention provides a double-layer parking structure 22 for a bicycle. The structure 22 comprises a vertical post 1, an upper parking frame 2 mounted on the vertical post 1, and a moveable platform 5 slideably coupled to the upper parking frame 2. The double-layer parking structure 22, for example, provides the user with the means to slow down the speed of the movable platform 5 when parking the
10 bicycle, thereby avoiding impact and damage to the upper parking frame 2. Similarly, when the user is retrieving the bicycle from the upper parking frame 2, the slower speed of the moveable platform 5 reduces the possibility of causing hurt to the user, thereby improving safety. The double-layer parking structure 22 may, in another example, allow the user to park the bicycle by making use of a restoring force.
15 Therefore, the user can return the moveable platform 5 back to its original position with more ease and convenience.

Figure 1

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