

7

(vertical distance from the bottom bracket to the center of the top of the head tube) is at least double that of a measurement of a drop height (vertical distance from the bottom bracket to the tube slot **34** when the tube slot is in a dropped, second position).

In still other embodiments, a measurement vertically between the bottom bracket to the tube slot **34** of any given bike is greater when the top tube **30** is in the first position than a measurement vertically between the bottom bracket to the tube slot **34** when the top tube **30** is in the second position.

In other embodiments, the disclosure includes a method for easy bicycle mount according to combinations of any of the embodiments of the present disclosure. In some examples, the disclosure includes a method for a bicycle drop top tube. A user may release a top tube **30** from the horizontal, in-use position, for example by lowering a section of top tube **30**. The user may step through and onto the bike and then re-position top tube **30** into the in-use position and stabilize the top bar, by way of example, by aligning the tube slot **34** with the receiver **35**. It is contemplated that the tube slot **34** may align with receiver **35** by aligning from movement from a top, bottom or side of tube slot **34**.

Numerous characteristics and advantages have been set forth in the foregoing description, together with details of structure and function. Many of the novel features are pointed out in the appended claims. The disclosure, however, is illustrative only, and changes may be made in detail, especially in matters of shape, size, and arrangement of parts, within the principle of the disclosure, to the full extent indicated by the broad general meaning of the terms in which the general claims are expressed. It is further noted that, as used in this application, the singular forms "a," "an," and "the" include plural referents unless expressly and unequivocally limited to one referent.

8

The invention claimed is:

1. A bicycle comprising:

a bicycle frame including a substantially triangular mounting space,

the bicycle frame including a top tube with a first end and a second end, wherein the first end is a releasable end and the second end is a pivotable end including a heim joint, wherein the top tube is displaceable from the frame at the releasable end,

the top tube forming a riding plane in a first position and a mounting plane in a second position, and

wherein the top tube alternates between the first position for riding and the second position for mounting, and the mounting plane is lower on the bicycle frame than the riding plane, forming a larger mounting space;

wherein the releasable end includes a horizontal movement path prior to a vertical movement path when moving from the first position for riding to the second position for mounting.

2. The bicycle of claim **1**, wherein the heim joint provides lateral movement and vertical movement to the top tube to enable the top tube to release into the horizontal movement path and the vertical movement path.

3. The bicycle of claim **1** wherein a measurement vertically between a bottom bracket to the releasable end is greater when the top tube is in the first position than a measurement vertically from the bottom bracket to the releasable end when the top tube is in the second position.

4. The bicycle of claim **1**, wherein a distance (D1) is formed between the riding plane and the mounting plane, and the distance (D1) increases as a drop distance of a movable portion as the top tube drops.

5. The bicycle of claim **4**, wherein as the distance (D1) increases and the movable portion drops, a step over height requirement decreases.

* * * * *