CLAIMS

1. A foldable bicycle and electric bicycle frame, comprising a girder and a rear fork, wherein the girder and the rear fork are connected to a rotating shaft through a bearing; both sides of the girder are provided with fixing holes A~~,~~; a hinge comprising an upper part providing fixing holes A and a lower part providing fixing holes B, wherein the lower part is adjacent the upper part, and the girder is connected to the upper part of ~~a~~ the hinge through the fixing holes A; ~~the lower part of the hinge is provided with fixing holes B,~~ a shock absorber comprising an upper part and a lower part adjacent the upper part, and the hinge is connected to the upper part of ~~a~~ the shock absorber through the fixing holes B; the lower part of the shock absorber is connected to the rear fork through a fixing hole C; both ends of the rear fork are provided with end covers;

the oblique upper part of the side wall of the girder relative to the fixing hole A is provided with a safety bolt hole; an open safety bolt hole is provided at the ~~top of~~ upper part of the hinge ~~is provided with an open safety bolt hole~~; the open safety bolt hole and the safety bolt hole are matched with each other.

2. The foldable bicycle and electric bicycle frame, according to claim 1, wherein one end of the girder is provided with a clamping piece, and the clamping piece is provided with a clamping hook; when the rear fork rotates together with the shock absorber until the top of the shock absorber is inside the clamping hook, the shock absorber comes into a shock absorption effect.

3. The foldable bicycle and electric bicycle frame, according to claim 1, wherein the fixing holes A, the fixing holes B, and the fixing holes C are each connected by a fixed screw ~~nuts after~~ passing therethrough and further secured by a nut ~~through a fixing screw~~; the safety bolt passes through the safety bolt hole for fixing the shock absorber and the rear fork.

4. The foldable bicycle and electric bicycle frame, according to claim 1, wherein both sides of the rotating shaft is installed with a pedal crank and a chain ring.

5. The foldable bicycle and electric bicycle frame, according to claim ~~1~~2, wherein the clamping piece is provided with a seat post mounting hole and two screw holes; the seat post mounting hole is used for the mounting of a seat pole, and the two screw holes are used to connect the girder and the hinge, and at the same time to fix the seat post.

6. The foldable bicycle and electric bicycle frame, according to claim 1, wherein the inside of the girder is hollow, and the inside thereof can be provided with a battery pack and a controller.