WHAT IS CLAIMED IS:

1. A bicycle locking and parking device for parking a bicycle, the bicycle locking and parking device comprising：

a parking seat;

a control module disposed on the parking seat;

a locking unit having a positioning groove and being prominently mounted on an outside of the bicycle;

a bicycle locking mechanism disposed on the parking seat, wherein the bicycle locking mechanism comprises：

a locking groove having an opening that faces toward a ~~forward~~rearward direction of the bicycle, and the locking unit can be placed and locked in the locking groove by the opening;

a first locking member having a reset force and being telescopically located and ~~limited~~engaged at the locking groove along an ~~wheel axis of the bicycle~~X-axis direction, a front end of the first locking member having a positioning convex that corresponds with the positioning groove, a back end of the first locking member having a lock-in part, and a side of the first locking member having a limiting track;

a reciprocating displacement limiter having a reset force and being located at the bicycle locking mechanism, the reciprocating displacement limiter corresponding with the lock-in part and can open or close a displacement path of the lock-in part;

a second locking member having a reset force and being telescopically located and ~~limited~~engaged at the locking groove along the X-axis direction, the second locking member having a blocker that can open or close a displacement path of the reciprocating displacement limiter;

a third locking member being telescopically located and ~~limited~~engaged at the bicycle locking mechanism along the ~~wheel~~ X-axis direction, the third locking member having a guider that is located and ~~limited~~engaged in the limiting track, and the third locking member having a push surface that reciprocally pushes the reciprocating displacement limiter, and the third locking member being extendably controlled by the control module;

wherein the control module drives the third locking member, the control module cooperates with the second locking member to make the displacement path of the lock-in part being closed by the reciprocating displacement limiter, the positioning convex is embedded to the positioning groove, and the locking unit is locked in the bicycle locking mechanism.

2. The bicycle locking and parking device of claim 1, wherein the reciprocating displacement limiter is pivoted on the bicycle locking mechanism, and the reset force of the reciprocating displacement limiter is a spring.

3. The bicycle locking and parking device of claim 1, wherein an outside of the locking unit has an ~~circular~~arch-shaped surface, and the ~~circular~~arch-shaped surface cooperates with the second locking member that is located in the locking groove.

4. The bicycle locking and parking device of claim 3, wherein the positioning convex has a plane and an ~~curved~~arch-shaped surface that are opposite to each other, the curved surface cooperates with the ~~circular~~arch-shaped surface, and the plane cooperates with an ~~in~~outside end of the positioning groove.

5. The bicycle locking and parking device of claim 1, wherein the parking seat comprises ~~two bilateral symmetry bases, an open space is formed between the two bases, and the wheel of the bicycle is located between the open space~~a seat body, and the seat body is connected to the bicycle locking mechansim.

6. The bicycle locking and parking device of claim 2, wherein the parking seat comprises two bilateral symmetry bases, an open space is formed between the two bases, and the wheel of the bicycle is located between the open space.

7. The bicycle locking and parking device of claim 3, wherein the parking seat comprises ~~two bilateral symmetry bases, an open space is formed between the two bases, and the wheel of the bicycle is located between the open space~~a seat body, and the seat body is connected to the bicycle locking mechanism.

8. The bicycle locking and parking device of claim 4, wherein the parking seat comprises ~~two bilateral symmetry bases, an open space is formed~~

~~between the two bases, and the wheel of the bicycle is located between the open space~~a seat body, and the seat body is connected to the bicycle locking mechanism.

9. A bicycle locking and parking device for parking a bicycle, the bicycle locking and parking device comprising：

a parking seat;

a control module being electrically driven and disposed on the parking seat;

a locking unit having a positioning groove and being prominently mounted on ~~an outside of~~ the bicycle;

a bicycle locking mechanism disposed on the parking seat, wherein the bicycle locking mechanism comprises：

a locking groove having an opening that faces toward a ~~for~~rearward direction of the bicycle, and the locking unit can be placed and locked in the locking groove by the opening;

a first locking member having a reset force and being telescopically located and ~~limited~~engaged at the locking groove along an ~~wheel axis of the bicycle~~X-axis direction, a front end of the first locking member having a positioning convex that corresponds with the positioning groove, a back end of the first locking member having a lock-in part, and a side of the first locking member having a limiting track;

a reciprocating displacement limiter having a reset force and being located at the bicycle locking mechanism, the reciprocating displacement limiter

corresponding with the lock-in part and can open or close a displacement path of the lock-in part;

a second locking member having a reset force and being telescopically located and ~~limited~~engaged at the locking groove along the X-axis direction, the second locking member having a blocker that can open or close a displacement path of the reciprocating displacement limiter;

a third locking member being telescopically located and ~~limited~~engaged at the bicycle locking mechanism along the ~~wheel~~ X-axis direction, the third locking member having a guider that is located and ~~limited~~engaged in the limiting track, and the third locking member having a push surface that reciprocally pushes the reciprocating displacement limiter, and the third locking member being extendably controlled by the control module;

wherein the control module drives the third locking member, and the control module cooperates with the second locking member and the push surface to make the displacement path of the lock-in part being opened by the reciprocating displacement limiter, and the positioning convex is unlocked from the positioning groove for releasing the locking unit out of the bicycle locking mechanism.

10. The bicycle locking and parking device of claim 9, wherein the parking seat comprises ~~two bilateral symmetry bases, an open space is formed between the two bases, and the wheel of the bicycle is located between the open space~~a seat body, and the seat body is connected to the bicycle locking mechansim.

11. The bicycle locking and parking device of claim 9, wherein the reciprocating displacement limiter is pivoted on the bicycle locking mechanism, and the reset force of the reciprocating displacement limiter is a spring.

12. The bicycle locking and parking device of claim 9, wherein an outside of the locking unit has an ~~circular~~arch-shaped surface, and the ~~circular~~arch-shaped surface cooperates with the second locking member that is located in the locking groove.

13. The bicycle locking and parking device of claim 12, wherein the positioning convex has a plane and a curved surface that are opposite to each other, the curved surface cooperates with the ~~circular~~arch-shaped surface, and the plane cooperates with an ~~in~~outside end of the positioning groove.