11. The electric door-locking device of claim 1 or claim 7, wherein the locking hook comprises:

an inclined section provided in the outside thereof at a certain angle in the direction in which the electric door body is closed, such that a locking roller of the locking lever is smoothly coupled to the locking hook; and

a vertical end formed at the utmost position of the inclined section such that the vertical end extends in the direction that intersects the direction in which the door body slides.

12. The electric door-locking device of claim 11, wherein the boundary between the inclined section and the vertical end of the locking hook is formed into a round.

13. The electric door-locking device of claim ~~1 or claim 2,~~ 9 wherein the sliding unit may further comprises:

a hanger connected with the door body;

a hanger roller connected to one side of the hanger and coupled to a hanger rail formed on the door frame such that it is able to roll along the hanger rail; and

a link connecting and supporting the other side of the hanger and the transfer nut lump housing.

14. The electric door-locking device of claim 1 or 2, further comprising an emergency release mechanism.

15. The electric door-locking device of claim 14, wherein the emergency release mechanism comprises an emergency release roller and an emergency release roller plate.

16. The electric door-locking device of claim 1 or claim 2, wherein the door body, the screws, the locking hooks, the emergency release roller, the emergency release roller plate, and the

sliding unit are respectively provided in a pair unit, in which both elements are symmetric with each other, on the door frame.

17. The electric door-locking device of claim 1 or claim 2, wherein the pair of screws respectively have threads extending opposite to each other.

18. The electric door-locking device of claim 1 or claim 2, wherein the electric door lock further comprisesa closing switch provided in the door body so as to generate a signal indicative of the closed state of the door body when the door body was closed.

19. The electric door-locking device of claim 1 or claim 2, wherein a space in which the screw nut lump can move in the sliding direction of the door body or in the direction that intersects the sliding direction in connection with the screw nut lump housing is further provided between the screw nut lump and the screw nut lump housing.

~~20. The electric door comprising the electric door-locking device according to any one of claim 1 to claim 19.~~