[Claim 5]

The charging and discharging control device according to claim 1, further comprising:

an adjustment current control unit configured to control power amounts of charging and discharging from the secondary battery based on the adjustment current determined by the adjustment current determination unit.

[Claim 6]

The charging and discharging control device according to claim ~~6~~5, wherein the adjustment current control unit inhibits the discharging from the secondary battery if the SOC of the secondary battery is less than or equal to the SOC target value when the moving object is in a powering state and inhibits the charging to the secondary battery if the SOC of the secondary battery is greater than or equal to the SOC target value when the moving object is in a regenerative state.

[Claim 7]

A charging and discharging control system comprising:

the charging and discharging control device according to claim 1;

the secondary battery;

a motor configured to operate the moving object by receiving the supply of the required power and generate the regenerated power; and

a direct current (DC)-DC converter connected between the overhead line and the secondary battery and between the motor and the secondary battery and configured to convert a voltage of the power supplied from the overhead line and the motor and a voltage of the