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(57) Abstract :

The present disclosure provides a foot warming sock assembly to keep foot of a wearer warm. The sock assembly can include a sock body (102) being wearable on the foot, the sock body (102) having a heating element (104) capable of being activated upon receiving an electric current from a power supply unit (106) when the heating unit (104) is activated by a switch (302). In addition, a generator (108) operatively coupled to the power supply unit (106) and the generator generates the electric current when a user wearing the sock body ambulates, and the electric current charges the power supply unit. Moreover, the heating unit (104) is controlled by a thermostat (110), when the temperature is beyond a pre-defined range the heating element (104) deactivates.

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