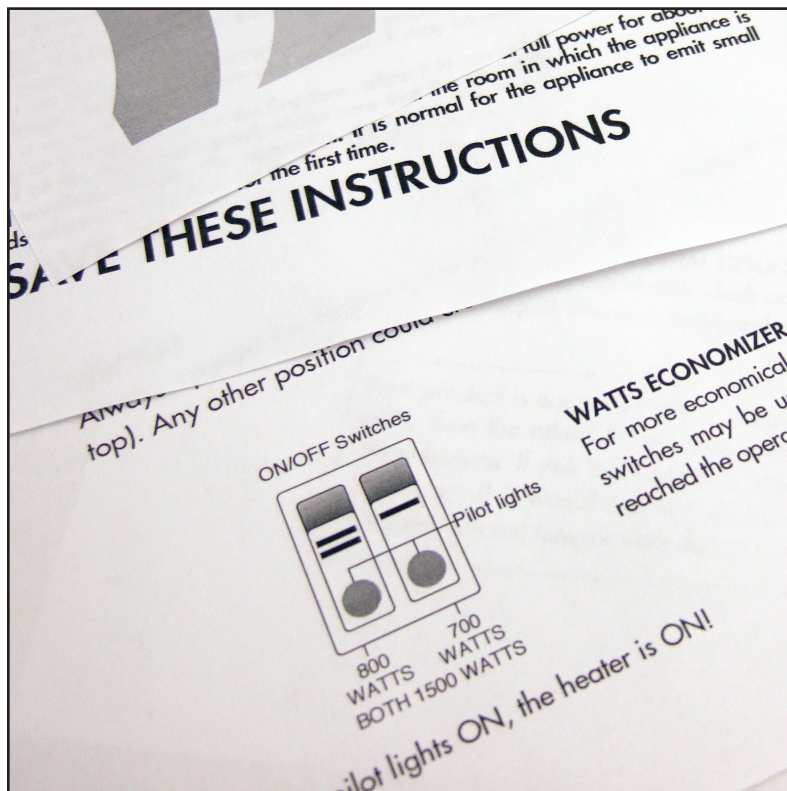




Old Design

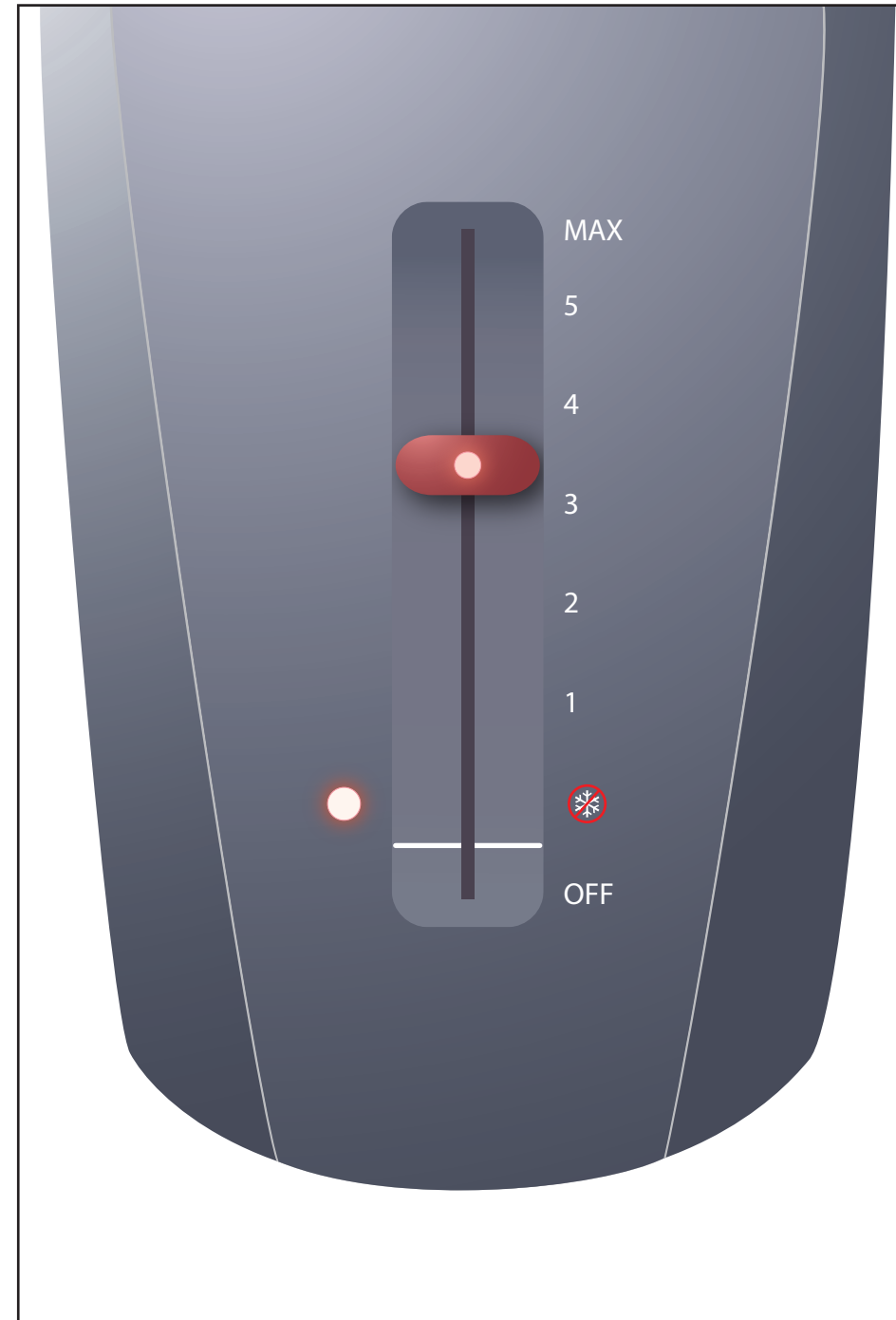
The existing interface uses a separate switch to turn on each heating element, as well as a dial for the thermostat, so there are multiple ways to change the temperature.

It is thought that using only one heating element will save energy, but the thermostat works like an oven, full on or off, so whether the user uses both elements to heat the room quickly or uses only one element to heat the room slowly, the same amount of energy is used.



Space Heater Control Redesign

Joey Fung
Spring 2010
BID



The new design reduces the complexity to one slider. From the off position, sliding it up turns it on, farther up for higher heat. The light on the left indicates that the heater is on, and the light on the switch itself indicates whether the room has reached the desired temperature, like an oven. The setting for keeping the room from freezing, previously an asterisk, is now a snowflake with a universal no symbol.