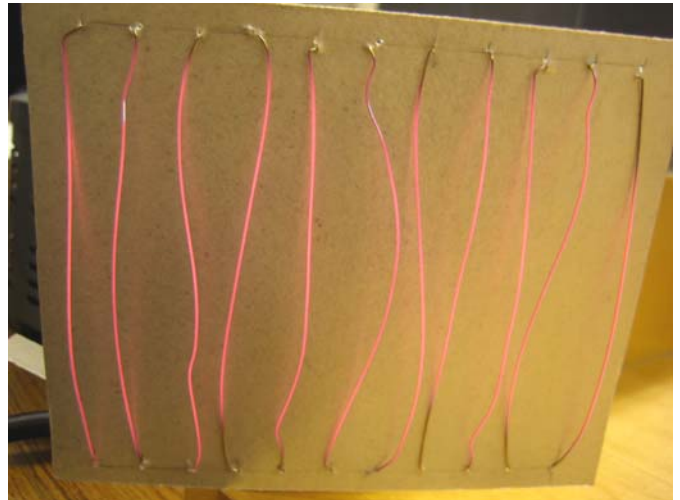
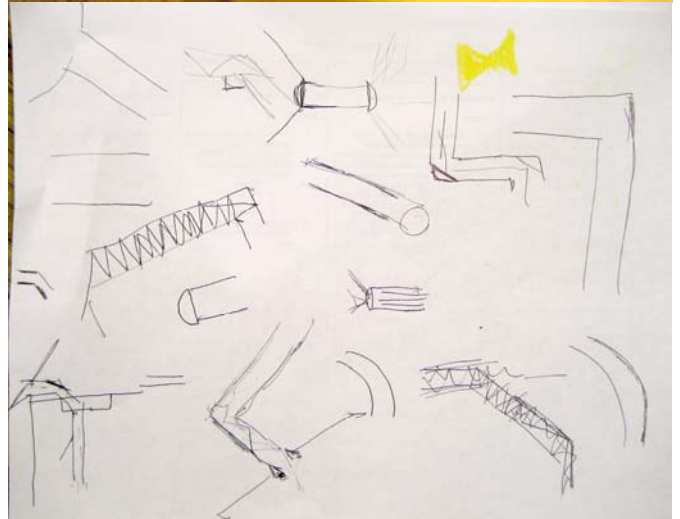


During the fall of 2008, ESG students in 21W.732 based their communication deliverables on the conception, design, prototype, and evaluation of an energy saving device.

The toasty team prototyped an energy efficient toaster. The intent was to closely space the heating elements and toast the bread in closer proximity than is the norm in toasters. Initial modeling was done with basic Ohm's law calculations. The practical challenge was the shape change and brittle nature of the heated nichrome wire.



The day-lighting team prototyped a scale model of a day-lighting system for ESG. They found that fiber optic cable is expensive and not very illuminating. And mirrors are trickier than they look.



The lights-out crew combined a timer and a motion sensor to reduce the annoyance of the individual timer or motion switches when the lights go out and you're still trying to study.

