Several guidelines for designing safe products have been discussed in lecture and in the textbook. Furthermore, safety was a primary concern in the introductory design project. Your task in this homework is to perform a safety analysis of an existing product. Then, redesign the product based on your safety analysis.

1) Select any product that you desire to analyze.
2) Perform a safety analysis
3) Develop and design at least 1 significant improvement

**Deliverable:** A short report (2 pages, plus 1-3 drawings) with the following components:

a) Describe the product and your safety analysis in 1 page of text.

b) Describe your design improvement(s) in 1 page of text, plus 1-3 computer generated drawings. Be sure to discuss the design guidelines that are important for your product.