Homework 2
CH EN 4253-Process Design I
T.A. Ring

1. Determine an innovation map for White LEDs. See Articles section of course website for some initial information on White LEDs.
2. Identify critical inventions for materials, process/manufacturing and product technologies for White LEDs.
3. What are the critical technologies that should be protected for White LEDs?
   a. What technology-protection strategy should be used for each critical technology?
4. Come up with a new consumer product. Come on be creative!
   a. Give a Project Charter for its development.
5. Develop a Product Development Process for this new product
   a. Identify at least 5 stage gates for its development.
   b. Identify the necessary technological inventions necessary for its development.
6. Take a copy of your resume to Career Services and get registered for job interviews to occur from September to November. Provide evidence that you are registered at Career Services and can take advantage of company interview visits.