1) What is the title of U.S. patent number 2230654? List a common name for this invention. (2 answers, 4 points)

2) What is the current U.S. classification number for CLASS “nanotechnology”? (1 answer, 2 points)

3) What are the current U.S. CLASS and SUBCLASS of patents for microscopes? List patent number of a patent issued in this area and list the name of the company that is the assignee for it. (3 answers, 6 points)

4) Find a patent with the U.S. classification 422/51 Calorimeter that expired in 2010 and is now in the public domain (anyone can use it). List the patent number and filing date of patent. (2 answers, 4 points)

5) You have heard about a recent invention by a Penn State faculty member, Thomas Mallouk, for a microstructure. Find the patent number and the assignee. (2 answers, 4 points)