1. Abstract

<table>
<thead>
<tr>
<th>Draft One</th>
<th>Draft Two</th>
<th>Final</th>
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1. Motivation: What is your compound known for?
2. Problem Statement: What question(s) are you going to research regarding your compound?
3. Approach: How will find answer(s) to the question(s) in your problem statement?
4. Results: What are the answer(s)?
5. Conclusion: What questions are raised by your results?

   a. Give your presentation a title.
   b. Abstract Length: 75 to 125 words (not counting the title) and put it into a paragraph.
   c. Email your abstract to miller.115@nd.edu.

Abstract Due: The day before class meets - before Noon.

2. Presentation Compound – using USPTO (recent patents: 1976-present)

Do either A or B but not both.

A. Find a patent that describes the process for producing or synthesizing or preparing or isolating your presentation compound.
   a. Print the first results page of your search
   b. Print the first page of the patent.
   c. What is the patent number?
   d. What is the primary US class/subclass number for this patent?
   e. What is/are the current CPC for this patent?

B. Find a patent that describes a product or process that uses your presentation compound. Print the first results page of your search and print the first page of the patent.
   a. Print the first results page of your search
   b. Print the first page of the patent.
   c. What is the patent number?
   d. What contribution does your presentation compound have in the patented product or process?
   e. What is the primary US class/subclass number for this patent?
   f. What is/are the current CPC for this patent?

Segway sells a vehicle known as Personal Mobility Vehicles (aka Human Transporter or Personal Transporter) that was invented by Dean L. Kamen, et al. during 2002 (i.e., patent issued during 2002). Find a utility patent for this product.
   a. Print the results page & print the first page of the patent.
   b. What is the patent number?
   c. When was the patent filed?
   d. When was the patent issued?
   e. Who is the inventor?
      (if there is more than one inventor then record the first name on the list)
   f. Who is the patent assigned to?
   g. What is the primary US class/subclass number?
   h. What is the current CPC?
      (if there is more than one CPC then record the first one)
   i. How many US patents, since 1976, cite this patent?
      Print the list (first page only) and attach to the patent.

4. Presentation Compound (older patents: 1790 to 1975)

Pick two interfaces:
   Esp@cenet (1800-1975) or
   Google Patent (1790-1975) or
   SureChembl (1900-1975)

Do either A or B but not both for each interface. If you get zero results then print the results page showing zero results and you are done.

A. Find a patent that describes the process for producing or synthesizing or preparing or isolating your presentation compound.
   a. Print the first results page of your search
   b. Print the first page of the patent.
   c. What is the patent number?
   d. Write the current CPC for this patent. (If there is none, then say so.)

B. Find a patent that describes a product or process that uses your presentation compound.
   a. Print the first results page of your search
   b. Print the first page of the patent.
   c. What is the patent number?
   d. What contribution does your presentation compound have in the patented product or process?
   e. Write the current CPC for this patent. (If there is none, then say so.)