Name _____ Date _____
Regents Physics Electrostatics WS #2R
Period _____ Mrs. Nadworny

Electroscope Research

There are two types of electroscopes – **gold leaf** and **needle** (braun) electroscopes. We use needle electroscopes in class, but it is important to understand exactly how a gold leaf electroscope works as well. For this assignment you will be doing some online or textbook research into both types of electroscopes and answering the questions below. (Note – you may find that there are two types of needle electroscopes, do NOT use the Gilberts Versorium, shown to the right, it is not the one we use)

1. The first general electroscope was invented by _____ in the year _____.

2. What is the general purpose of an electroscope?

3. Fill in the following information regarding the invention of each electroscope.

Gold Leaf Electroscope	Needle (Braun) Electroscope
Inventor: Date of Invention:	Inventor: Date of Invention:

4. Neatly **draw** and **label** a picture of each type of electroscope.

Gold Leaf Electroscope	Needle (Braun) Electroscope

5. Include at least one interesting historical fact relating to either type of electroscope.

6. Reference ALL sources used to help you answer the above questions.