CLAIMS

1. A method of making a micro supercapacitor, comprising
   a) screen printing a metal ink on a substrate to form a first metal electrode and a second metal electrode;
   b) drying the first metal electrode and the second metal electrode under vacuum and elevated temperature;
   c) screen printing an active material ink on top of the first metal electrode and the second metal electrode to form an active material on the first and second metal electrode;
   d) drying the active material on the first and second metal electrode at an elevated temperature; and
   e) drop-casting a solid electrolyte onto the active material on the first and second metal electrode to form the micro supercapacitor.

2. The method of claim 1, wherein the active material comprises a carbon nanostructure, a metal oxide, or combination thereof.

3. The method of claim 1, wherein the active material comprises manganese oxide (MnO_2) and carbon nanotubes.

4. The method of claim 1, wherein the active material comprises manganese oxide (MnO_2) and onion like carbon.

5. The method of claim 1, wherein the active material comprises manganese oxide (MnO_2) and graphene.

6. The method of claim 1, wherein the first metal electrode and the second metal electrode are patterned to create channels between the first metal electrode and the second metal electrode.