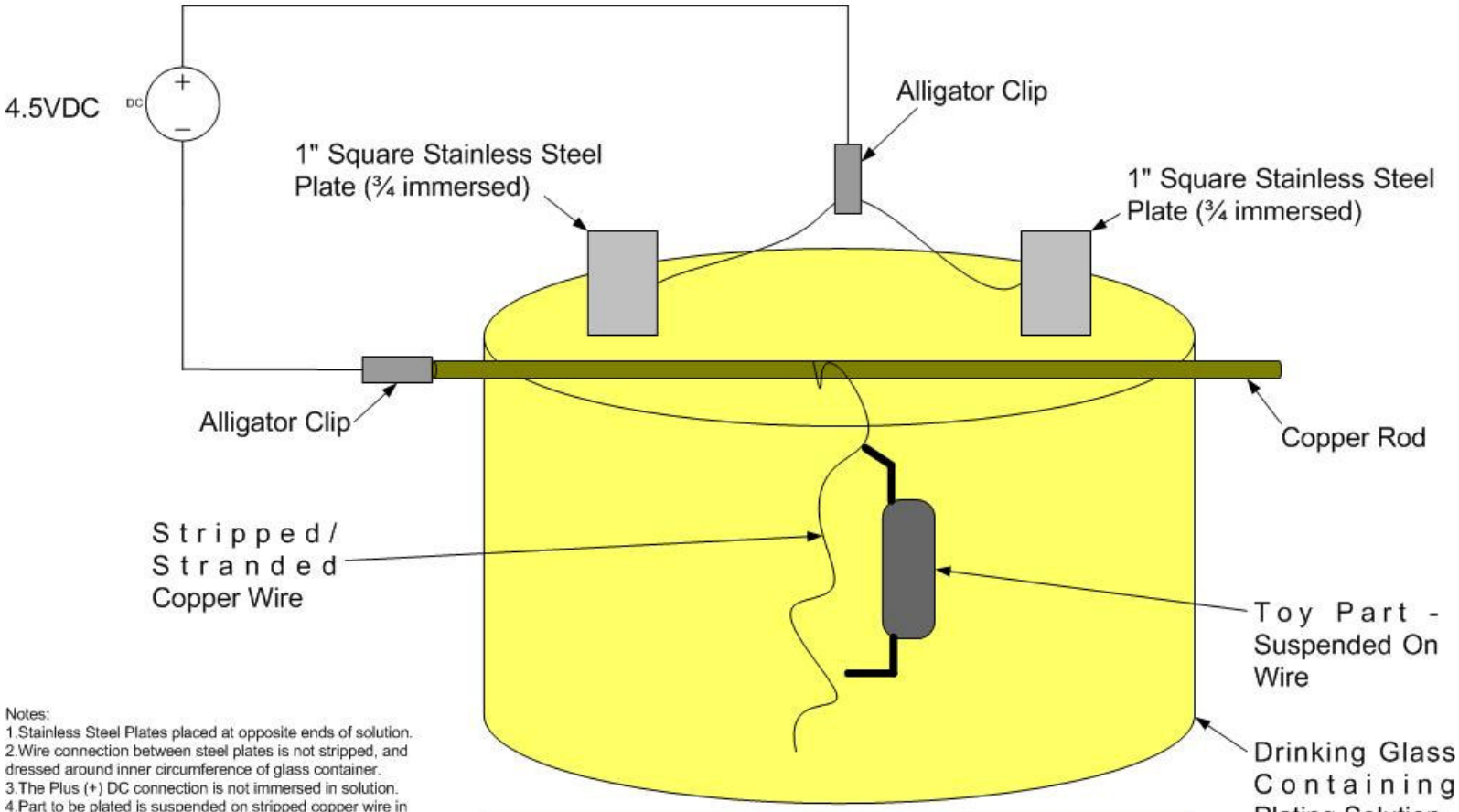
Chrome Bath Experiment

In my efforts to chrome the replication toy parts I make, I did some home workshop experimentation with chrome plating using a chemical bath and a homemade apparatus. The details of the configuration below were worked out with technical people at the Caswell company (http://www.caswellplating.com/) that sold me the materials. The configuration is presented here to share with hobbyists.

Nickel/Chrome Dip Plating Setup Using Plug N Plate



Notes:
1.Stainless Steel Plates placed at opposite ends of solution.
2.Wire connection between steel plates is not stripped, and dressed around inner circumference of glass container.
3.The Plus (+) DC connection is not immersed in solution.
4.Part to be plated is suspended on stripped copper wire in solution, this wire extends deeper down in solution as shown.
5.Copper pipe/tubing secured with tape or bent onto container in a fashion to prevent moving.
6.Steel Plates secured to glass container with tape, additional alligator clips or clothes pins.
7.Plating duration is 10 to 15 minutes, part is left alone - not moved during the plating process.