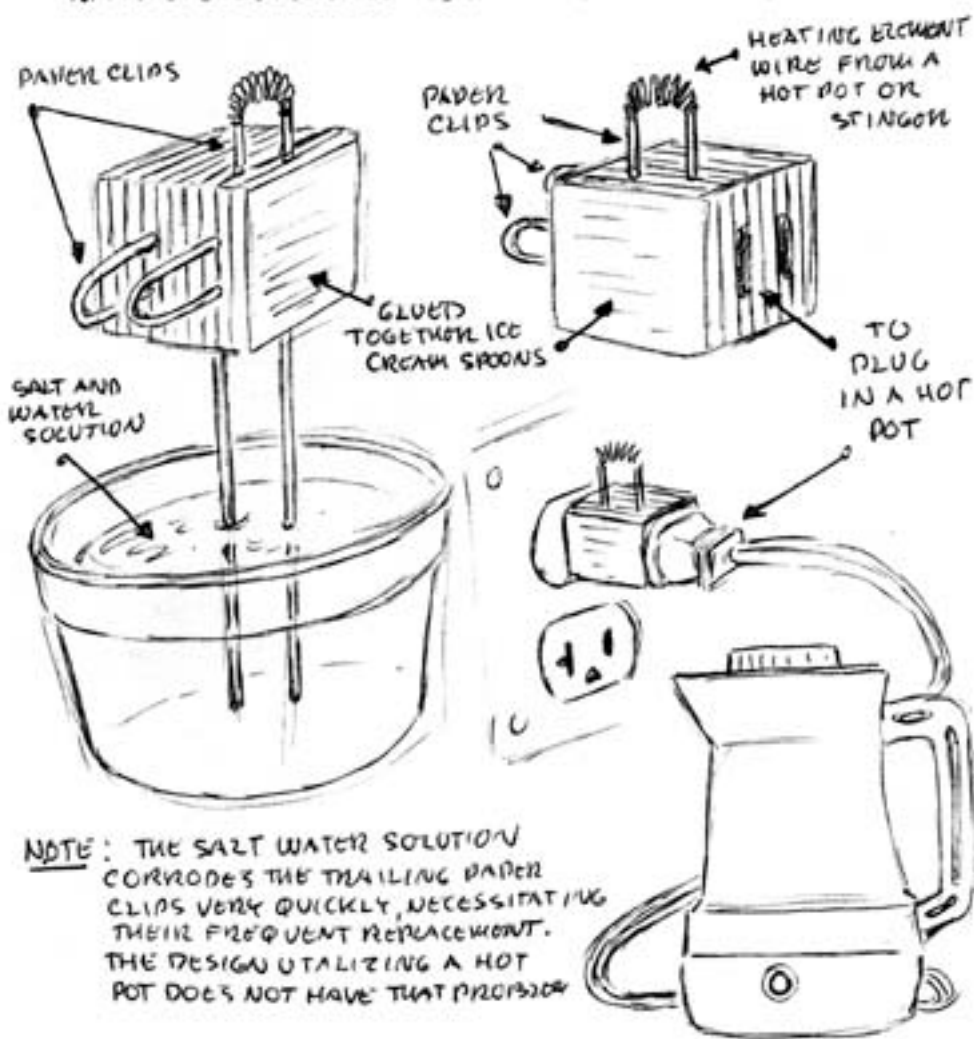


CIGARETTE LIGHTER

AS A HUSSLE BY AN INMATE, THIS ELECTRIC LIGHTER DESIGN IS BEING MASS PRODUCED FOR OTHER INMATES. IN TWO DIFFERENT OPERATING MODES, ONE DESIGN UTILIZES A SALT WATER SOLUTION TO ACT AS A RESISTOR TO REDUCE THE AMOUNT OF CURRENT PASSING THROUGH THE LIGHT UP COIL SO AS TO PREVENT IMMEDIATE MELTING OF THE WIRE AND BLOWING THE WALL OUTLET CIRCUIT BREAKER IN THE PROCESS. AND THE OTHER DESIGN USES A PLUG IN FEATURE INSTEAD OF THE TRAILING TERMINALS, INTO WHICH A HOT POT IS PLUGGED, ALLOWING THE POTS TRANSFORMER TO REDUCE THE CURRENT USAGE IN THE SAME WAY THE SALT WATER SOLUTION WORKS IN THE OTHER DESIGN.



NOTE: THE SALT WATER SOLUTION CORRODES THE TRAILING PAPER CLIPS VERY QUICKLY, NECESSITATING THEIR FREQUENT REPLACEMENT. THE DESIGN UTILIZING A HOT POT DOES NOT HAVE THAT PROBLEM