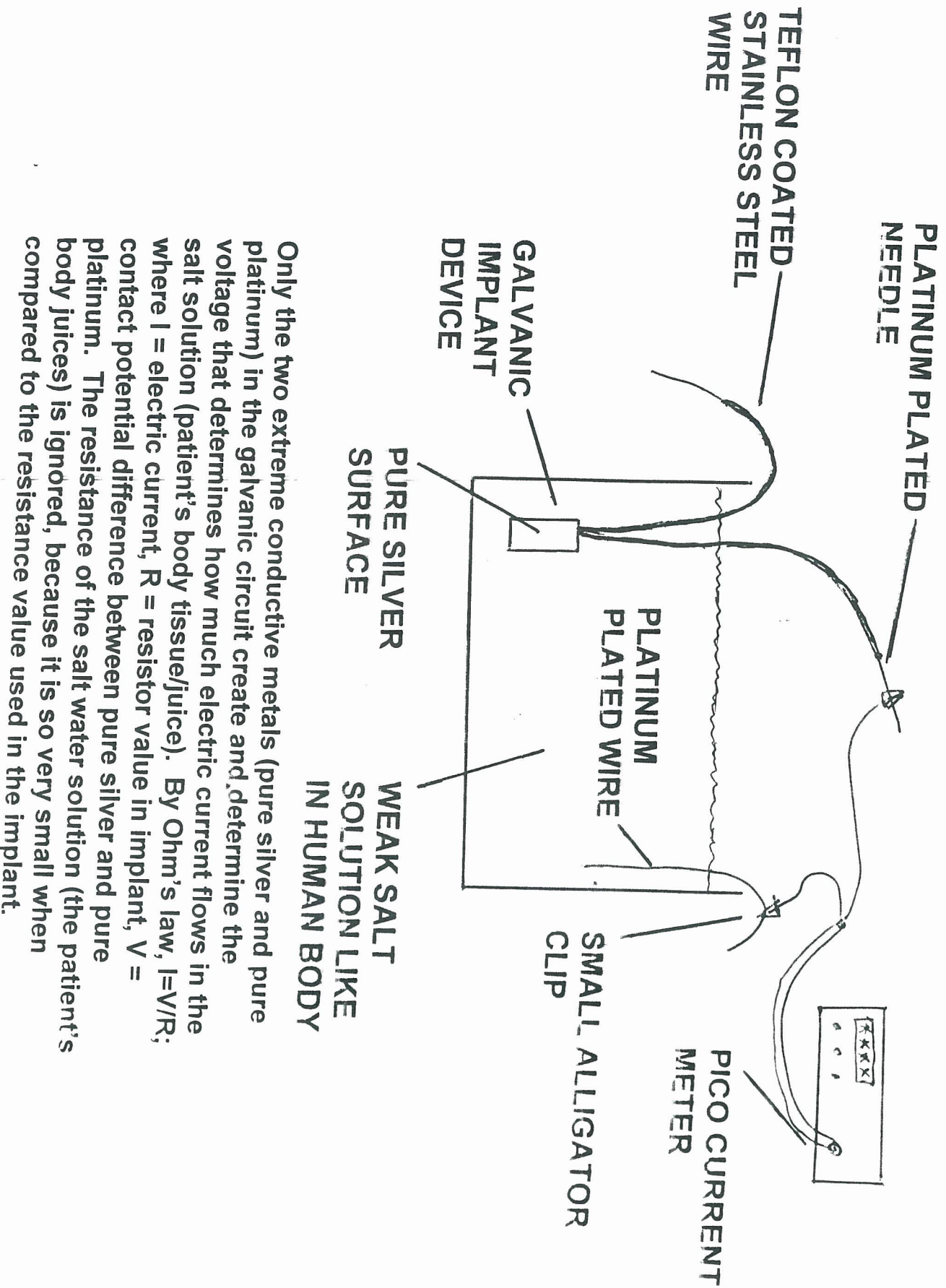


FIGURE B

GALVANIC IMPLANT TEST CIRCUIT



Only the two extreme conductive metals (pure silver and pure platinum) in the galvanic circuit create and determine the voltage that determines how much electric current flows in the salt solution (patient's body tissue/juice). By Ohm's law,  $I = V/R$ ; where  $I$  = electric current,  $R$  = resistor value in implant,  $V$  = contact potential difference between pure silver and pure platinum. The resistance of the salt water solution (the patient's body juices) is ignored, because it is so very small when compared to the resistance value used in the implant.