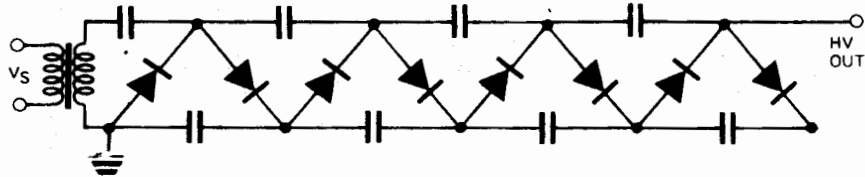


VOLTAGE MULTIPLIER



Sometimes a very high voltage is required for applications such as for ionisers or a CRT supply.

secondary of an ordinary power transformer can have its output voltage multiplied any number of

With this circuit the high voltage times determined by the number of stages "cascaded".

It is important to note that the rating of individual diodes and capacitors should be twice the transformer output voltage V_s .

The capacitor value and diode rating are determined by the required output current.