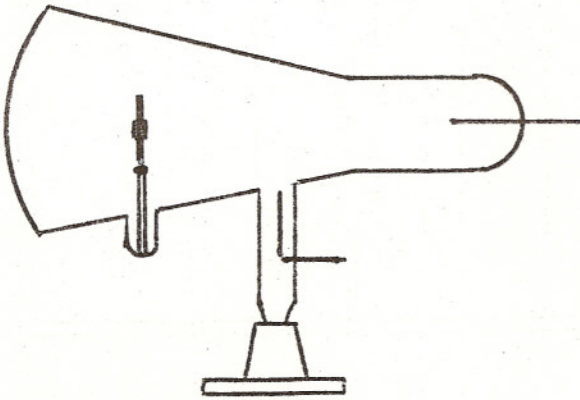
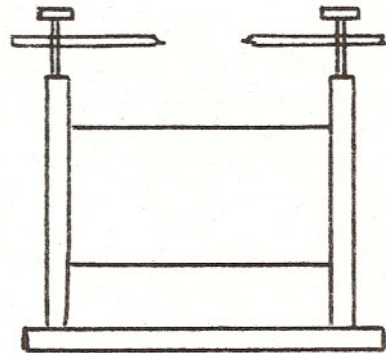


P-1 S-2

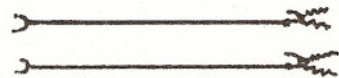
1A



Fluorescent tube having
a hinged, opaque cross



Induction coil



Leads with spade
and alligator clip

Connect fluorescent tube to induction coil. With opaque cross in upward position, start induction coil. Reverse polarity of emf induced by coil, noting that for one polarity the cross casts a distinct shadow on the end of the tube. Observe that the shadow disappears, regardless of polarity, when the cross is in the downward position.

Note: One can of course show the shadow by using a high frequency spark coil instead of the induction coil, but no effect of polarity can be demonstrated.

Warning: Do not allow spark to jump to glass; there is danger of puncture.