



Fig. 6C - Effect of Tesla coil upon a doped full-wave divider placed within the proximal field, in the inverted configuration. Both capacitances are charged efficiently and equally.

able to develop the full potential of the coil (40.25 kV with the tip off, versus 40.91 kV with the tip on, at 6 clicks on the vibrator coil; and 45.64 kV at 18 clicks), precisely by allowing the negative wave hemicycle to make its charge contribution to C_1 , as shown schematically by Fig. 6B. This establishes beyond doubt the difference between the TC and the negative (or positive) ionizer: the latter can only monopolarize metallic bodies - whether negatively or positively - whereas the former can bipolarize them at once, even if, under certain conditions, its action can also develop on such metallic bod-