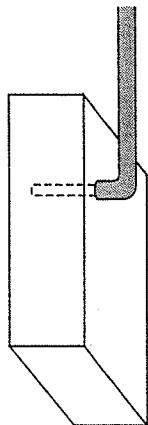
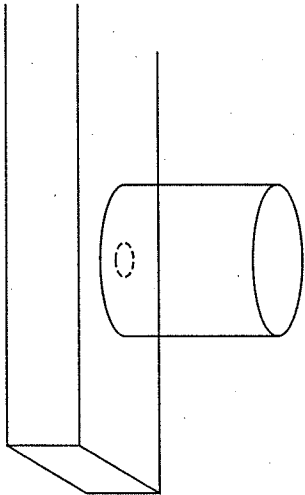


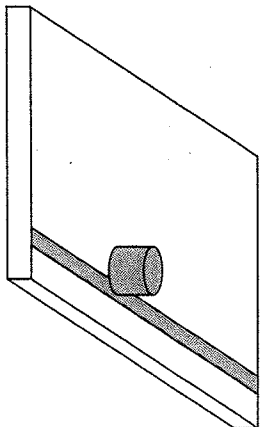
(a)



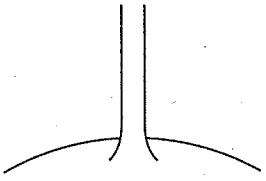
(b)



(c)



(d)



(e)

Coupling to microwave resonators. (a) A microstrip transmission line resonator gap coupled to a microstrip feedline. (b) A rectangular cavity resonator fed by a coaxial probe. (c) A circular cavity resonator aperture coupled to a rectangular waveguide. (d) A dielectric resonator coupled to a microstrip feedline. (e) A Fabry-Perot resonator fed by a waveguide horn antenna.