

Abstract of the Disclosure:**MULTI-FUNCTIONAL VIBRATION ACTUATOR**

A multi-functional vibration actuator comprises a vibration transmitting portion (8) forming a peripheral portion thereof, a magnetic circuit formed by a yoke (1), a permanent magnet (2), and a plate (3), a vibrator member (5) arranged at a distance from one surface of the magnetic circuit and having an outer periphery fixed to the vibration transmitting portion, a coil (6) arranged in a gap within the magnetic circuit at a distance from the magnetic circuit and fixedly attached to the vibrator member, and a suspension (4) fixed to the vibration transmitting portion and flexibly supporting the magnetic circuit. The distance (b) between the vibrator member and each of the one surface of the magnetic circuit and the suspension is greater than the distance (a) between the other surface of the magnetic circuit and a bottom cover (9) covering the magnetic circuit. By the use of an elastic member, such as an adhesive, applied in a spot-like fashion, a lead wire (19) extracted from the coil (6) is adhered to the outer periphery of the vibrator member where the vibration is small.

Figure 1