

ABSTRACT

An electronic appliance 50 is provided with a
5 magnetostriction apparatus 30 and a main body 40. The
magnetostriction apparatus 30 includes a super
magnetostrictor 1 which expands and contracts in accordance
with a magnetic field, a coil 4, a bias magnet 2 and a
housing 8 which maintains the components at predetermined
10 positions. The magnetostriction apparatus 30 is fitted to
the main body 40 such that the super magnetostrictor 1 is
perpendicular to the face of the main body 40 where the
apparatus is fitted. The housing 8 is connected to the main
body 40 so that a predetermined pressure is applied to the
15 super magnetostrictor 1 by the main body 40 and the housing 8.