

ABSTRACT

An electronic device 50 is provided with a
5 magnetostriction apparatus 30 and a main body 40. The
magnetostriction apparatus 30 includes a super
magnetostrictor 1 which extracts and contracts in accordance
with a magnetic field, a coil 4 and bias magnets 2 which
generate the magnetic field, and a housing 8 which maintains
10 the components at predetermined 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
15 predetermined pressure is applied to the super
magnetostrictor 1 by the main body 40 and the housing 8.