CLAIMS

1. A glass for a magnetic recording medium substrate or for a glass spacer for a magnetic recording and reproducing apparatus, which is an amorphous glass,

wherein an SiO_2 content is in a range of 54 mol% or more and 62 mol% or less,

an MgO content is in a range of 15 mol% or more and 28 mol% or less,

an Li_2O content is in a range of 0.2 mol% or more, ~~and~~

an Na_2O content is in a range of 5 mol% or less, and~~.~~

a mole ratio of the total content of SiO_2 and MgO relative to the Li_2O content $[(SiO_2 + MgO) / Li_2O]$ is 13 or more, as well as

wherein a mole ratio of the total content of Al_2O_3 and CaO relative to the MgO content $[(Al_2O_3 + CaO) / MgO]$ is 0.80 or more, and/or

a mole ratio of the MgO content relative to a CaO content (MgO / CaO) is 8 or more.

~~2. The glass for a magnetic recording medium substrate according to claim 1,~~

~~wherein a mole ratio of the total content of SiO_2 and MgO relative to the Li_2O content $[(SiO_2 + MgO) / Li_2O]$ is 13 or more.~~

~~3~~2. The glass ~~for a magnetic recording medium substrate~~ according to claim 1 ~~or 2~~,

wherein the total content of SiO_2, MgO, Li_2O, Al_2O_3, and CaO (SiO_2 + MgO + Li_2O + Al_2O_3 + CaO) is 93 mol% or more.

~~4. The glass for a magnetic recording medium substrate according to any one of claims 1 to 3,~~

~~wherein a mole ratio of the total content of Al_2O_3 and CaO relative to the MgO content $[(Al_2O_3 + CaO) / MgO]$ is 0.55 or more.~~

~~5. The glass for a magnetic recording medium substrate according to any one of claims 1 to 4,~~

~~wherein a mole ratio of the MgO content relative to a CaO content (MgO / CaO) is 6 or more.~~

~~6~~3. A magnetic recording medium substrate compr~~i~~isings~~ed of~~ the glass ~~for a magnetic recording medium substrate~~ according to ~~any one of~~ claim~~s~~ 1 or 2~~to 5~~.

~~7~~4. A magnetic recording medium comprising:

the magnetic recording medium substrate according to claim ~~6~~3; and a magnetic recording layer.

~~8~~5. A glass spacer for a magnetic recording and reproducing apparatus, comprising the glass according to claim 1 or 2~~the glass spacer comprising an amorphous glass,~~

~~wherein an SiO_2 content is in a range of 54 mol% or more and 62 mol% or less,~~

~~an MgO content is in a range of 15 mol% or more and 28 mol% or less,~~

~~an Li_2O content is in a range of 0.2 mol% or more, and~~

~~an Na_2O content is in a range of 5 mol% or less~~.

~~9~~6. A magnetic recording and reproducing apparatus comprising at least one of the magnetic recording medium according to claim ~~7~~ 4 and the glass spacer for a magnetic recording and reproducing apparatus according to claim ~~8~~5.