【CLAIMS】

【Claim 1】

An electronic device comprising:

a foldable housing (410) comprising a first housing (411) and a second housing (412) rotatably connected to each other about a folding axis (F);

a flexible display (460) comprising a first display portion on a first side of the folding axis and a second display portion on a second side opposite to the first side of the folding axis;

a hinge housing (440) disposed between the first housing (411) and the second housing (412), the hinge housing (440) including a first sidewall (440a) disposed at a first longitudinal end of the hinge housing (440); and

a first hinge assembly (430) connected to the hinge housing and configured to connect the first housing and the second housing such that the first housing and the second housing are foldable in an in-folding direction in which the first display portion of the flexible display and the second display portion of the flexible display face each other,

wherein the first hinge assembly comprises a plurality of protrusions (432) formed at an end part of the first hinge assembly, the plurality of protrusions protruding in a direction toward the first sidewall of the hinge housing.

【Claim 2】

The electronic device of claim 1, wherein each of the plurality of protrusions comprises a first portion, the first portion of each of the plurality of protrusions facing toward the first

sidewall.

【Claim 3】

The electronic device of claim 2, wherein the hinge housing (440) comprises a surface (441) extending in the longitudinal direction of the hinge housing, the surface of the hinge housing being at least partially perpendicular to the first sidewall, and

wherein each of the plurality of protrusions comprises a second portion, the second portion of each of the plurality of protrusions at least partially contacting with the surface (441) of the hinge housing.

【Claim 4】

The electronic device of any preceding claim, wherein each of the plurality of protrusions has a shape corresponding to a shape of the hinge housing.

【Claim 5】

The electronic device of any preceding claim, wherein each of the plurality of protrusions is disposed at a partial area of the first hinge assembly, the partial area being spaced a predetermined distance apart from one end surface (431a) of the end part of the first hinge assembly relative to a longitudinal direction of the first hinge assembly.

【Claim 6】

The electronic device of any preceding claim, further comprising a connection part (4321) connecting the plurality of protrusions to each other and formed to have a height lower than each of the plurality of protrusions in a direction perpendicular to a surface (441) extending in the longitudinal direction of the hinge housing, the surface of the hinge housing being at least partially perpendicular to the first sidewall.

【Claim 7】

The electronic device of any preceding claim, wherein the plurality of protrusions comprise a first protrusion (432-1) and a second protrusion (432-2) spaced apart from each other, and

wherein in a state where the first housing and the second housing are unfolded around the folding axis (F), the first protrusion is under the first display portion of the flexible display and the second protrusion is under the second display portion of the flexible display.

【Claim 8】

The electronic device of any preceding claim, wherein the electronic device further comprises a filling member (450) disposed in the hinge housing.

【Claim 9】

The electronic device of claim 8, wherein the plurality of protrusions comprise a first

protrusion (432-1) and a second protrusion (432-2) spaced apart from each other, and

wherein at least a part of the filling member is disposed between the first protrusion and the second protrusion.

【Claim 10】

The electronic device of any preceding claim, wherein each of the plurality of protrusions has a yield strength greater than a yield strength of the first sidewall of the hinge housing.

【Claim 11】

The electronic device of claim 1, wherein the hinge housing includes a second sidewall disposed at a second longitudinal end of the hinge housing opposite the first longitudinal end.

【Claim 12】

The electronic device of any preceding claim, wherein:

the foldable housing (410) comprises the first housing (411), the second housing (412), and a third housing rotatably connected to each other about a plurality of folding axes; and

the flexible display (460) comprises the first display portion on the first side of one of the plurality of folding axes, the second display portion on the second side opposite to the first side of the one of the plurality of folding axes and on a first side of another one of the plurality of folding axes, and a third display portion on a second side of another one of the plurality of

folding axes,

the electronic device further comprising:

a second hinge assembly configured to connect the second housing and the third housing such that the second housing and the third housing are foldable in an out-folding direction in which the second display portion of the flexible display and the third display portion of the flexible display do not face each other,

wherein the second hinge assembly does not comprise a plurality of protrusions at the end part of the second hinge assembly.