CLAIMS

1. A developing apparatus, comprising:

a frame configured to rotatably support a developing roller;

a first end portion member provided at one end of the frame in an axial direction of the developing roller so as to be rotatable relative to the frame around a rotation axis of the developer roller parallel to the axial direction; and

a second end portion member provided at another end of the frame in the axial direction so as to be rotatable relative to the frame around the rotation axis,

wherein the first end portion member and the second end portion member can rotate independently of each other around the rotation axis of the developing roller,

wherein the developing apparatus is removably mountable to an apparatus main body of an image forming apparatus in the axial direction,

wherein at least one end portion member of the first end portion member and the second end portion member has a force receiving portion and a regulating portion,

wherein the force receiving portion is provided on one side of the one end portion member in a first direction orthogonal to the rotation axis, and is able to receive a biasing force from a biasing member of the apparatus main body in a mounting direction when the developing apparatus is mounted to the apparatus main body,

wherein the regulating portion is provided on the other side of the one end portion member in the first direction, and has a first abutting portion that is able to contact the apparatus main body to regulate movement of the other side of the one end portion member relative to the apparatus main body in a direction opposite to the mounting direction, with a fulcrum being the rotation axis, and

when the developing apparatus is positioned relative to the apparatus main body, the first abutting portion is brought into abutment against the apparatus main body in the direction opposite to the mounting direction while the force receiving portion is brought into abutment against the apparatus main body in the mounting direction.

2. The developing apparatus according to claim 1, wherein the regulating portion also regulates movement of the one end portion member relative to the apparatus main body in a direction orthogonal to the mounting direction.

3. The developing apparatus according to claim 1 or 2,

wherein the regulating portion has an inclined surface that is inclined to each of the rotation axis and the first direction, and

wherein the regulating portion regulates the movement of the other side of the one end portion member relative to the apparatus main body in the direction opposite to the mounting direction, when the inclined surface is brought into abutment against the apparatus main body.

4. The developing apparatus according to claim 1,

wherein the regulating portion has a vertical surface extended in the first direction, and

wherein the regulating portion regulates the movement of the other side of the one end portion member relative to the apparatus main body in the direction opposite to the mounting direction, when the vertical surface is brought into abutment against the apparatus main body.

5. The developing apparatus according to any one of claims 1 to 4,

wherein the developing apparatus further comprises a second abutting portion that is brought into abutment against the apparatus main body in a direction orthogonal to the mounting direction, and

wherein the regulating portion is provided downstream of the second abutting portion in the mounting direction.

6. The developing apparatus according to claim 5, wherein the regulating portion is positioned at a position farther from the rotation axis than a position at which the second abutting portion is positioned.

7. The developing apparatus according to any one of claims 1 to 6,

wherein the force receiving portion is positioned in a lower part in a gravity direction with respect to the rotation axis, and

wherein the regulating portion is positioned in an upper part in the gravity direction with respect to the rotation axis.

8. An image forming apparatus, comprising:

the developing apparatus according to any one of claims 1 to 7; and

an apparatus main body to which the developing apparatus is removably mounted.

9. The image forming apparatus according to claim 8,

wherein the apparatus main body includes a biasing member and a positioning portion,

wherein the biasing member applies a biasing force to the force receiving portion of the developing apparatus in the mounting direction,

wherein the positioning portion is brought into contact with the one end portion member on a side opposite to the biasing member in the first direction , the side being defined with a boundary which is the rotation axis, and

wherein the regulating portion of the developing apparatus is brought into contact with the positioning portion in the direction opposite to the mounting direction.