The invention claimed is:

1. A powder container to be attached to an image forming apparatus, the powder container comprising:

a powder storage to contain powder;

a holder that is attachable to the powder storage;

a protrusion that is on one of the powder storage and the holder; and

a restrictor that is on an other one of the powder storage and the holder and is to restrict a movement of the protrusion in a longitudinal direction of the powder storage, the restrictor includes a protruding portion having a circumference, wherein

the powder storage is to rotate relative to the holder,

the restrictor includes an opening through which the protrusion passes when the holder is being attached to the powder storage,

the opening of the restrictor faces outwardly along a circumference of the restrictor,

the opening of the restrictor is positioned to interpose the circumference of the

protruding portion of the restrictor in a circumferential direction, and

the protrusion is to pass through the opening of the restrictor from one end of the

powder storage toward another end of the powder storage when the holder is being attached to the powder storage.

2. The powder container according to claim 1, wherein

the protrusion includes an inclined portion that is inclined in a rotation direction,

the opening includes an opening inclined portion that is inclined in a same direction as the inclined portion of the protrusion, and

when the inclined portion of the protrusion comes in contact with the opening inclined portion, the protrusion passes through the opening.

3. The powder container according to claim 1, wherein

the powder storage includes a removable container-side gear to which a drive force is transmitted, and

the protrusion is on the gear.

4. The powder container according to claim 1, wherein

the powder storage includes powder, and

the powder includes toner.

5. The powder container according to claim 4, wherein the powder includes carrier particles.

6. An image forming apparatus comprising the powder container according to claim 1.

7. The powder container according to claim 1, wherein the opening also faces in the longitudinal direction of the powder storage, and

when the protrusion passes through the opening when the holder is being attached to the powder storage, the protrusion moves in the longitudinal direction of the powder storage.

8. The powder container according to claim 7, wherein

when the protrusion passes through the opening when the holder is being attached to

the powder storage, the protrusion rotates relative to the restrictor.

9. The powder container according to claim 1, wherein

when the protrusion passes through the opening when the holder is being attached to the powder storage, the protrusion rotates relative to the restrictor.

10. The powder container according to claim 2, wherein

the opening also faces in the longitudinal direction of the powder storage, and

when the protrusion passes through the opening when the holder is being attached to the powder storage, the protrusion moves in the longitudinal direction of the powder storage.

11. The powder container according to claim 10,

wherein

when the protrusion passes through the opening when the holder is being attached to the powder storage, the protrusion rotates relative to the restrictor.

12. The powder container according to claim 2, wherein

when the protrusion passes through the opening when the holder is being attached to

the powder storage, the protrusion rotates relative to the restrictor.

13. A powder container to be attached to an image forming apparatus, the powder container comprising:

a powder storage to contain powder;

a holder that is attachable to the powder storage;

a protrusion that is on one of the powder storage and the holder; and

a restrictor that is on an other one of the powder storage and the holder and is

to restrict a movement of the protrusion in a longitudinal direction of the powder storage, the restrictor having a circumference, wherein

the powder storage is to rotate relative to the holder,

the restrictor includes an opening through which the protrusion passes when the holder is being attached to the powder storage,

the opening of the restrictor faces outwardly along the circumference of the restrictor,

the protrusion includes an inclined portion that is inclined in a rotation direction,

the opening includes an opening inclined portion that is inclined in a same direction as

the inclined portion of the protrusion, and

when the inclined portion of the protrusion comes in contact with the opening inclined portion, the protrusion passes through the opening.