CLAIMS

Claim 1. A cartridge comprising:

a photosensitive drum provided in a front part of the cartridge;

a first movable member provided adjacent to an end portion of the photosensitive drum so as to be movable in an axial direction of the photosensitive drum;

a second movable member provided on the same side as the side provided with the first movable member in the axial direction of the photosensitive drum, the second movable member being configured to perform at least (a) a first operation of moving in an axial direction of the photosensitive drum toward an outside of the cartridge and (b) a second operation of moving in a direction different from the axial direction.

Claim 2. A cartridge detachably mountable to a main assembly of an image forming apparatus, the apparatus including an inclinable drive output member capable of outputting a driving force, the cartridge comprising:

a photosensitive drum;

an engagement member provided adjacent to an end portion of the photosensitive drum so as to be movable in an axial direction of the photosensitive drum, the engagement member being engageable with the drive output member; and

a movable positioning member configured to determine a position of the cartridge inside the main assembly,

wherein the engagement member is configured to be brought into contact

with the drive output member by moving toward the drive output member, and

wherein the cartridge is configured such that by movement of the positioning member in a state that the engagement member is in contact with the drive output member, (a) an inclination angle of the drive output member is changed, and (b) the cartridge is moved to a mounted position which is inside the main assembly.

Claim 3. A cartridge according to Claim 2, wherein the engagement member is a coupling member capable of transmitting a driving force toward the photosensitive drum.

Claim 4. A cartridge according to Claim 2 or 3, further comprising an operation member configured to move the engagement member toward the drive output member by receiving an external force from the main assembly of the image forming apparatus.

Claim 5. A cartridge according to any one of Claims 2 - 4, wherein the positioning member is configured to change an inclination angle of the cartridge relative to the main assembly of the image forming apparatus by movement thereof.

Claim 6. A cartridge according to any one of Claims 2 - 5, wherein the cartridge is capable of being inserted into the main assembly of the image forming apparatus, and the positioning member is configured to move the cartridge to the mounted position while moving the engagement member toward upstream in an inserting direction of the cartridge, by movement thereof.

Claim 7. A cartridge comprising:

a photosensitive drum provided in a front part of the cartridge;

an engagement member provided adjacent to an end portion of the photosensitive drum so as to be movable in an axial direction of the photosensitive drum;

an operation member configured to move the engagement member in the axial direction toward an outside of the cartridge by receiving an external force from an outside of the cartridge; and

a positioning member provided at a position which is in a front part of the cartridge and which is on a side opposite from the engagement member in the axial direction of the photosensitive drum, the positioning member projecting toward a front side of the cartridge and movable toward a rear side thereof.

Claim 8. A cartridge according to Claim 7, wherein the engagement member is a coupling member capable of transmitting a driving force toward the photosensitive drum.

Claim 9. A cartridge according to Claim 7 or 8, further comprising a gear member having at least a portion exposed to an outside of the cartridge and capable of transmitting the driving force toward the photosensitive drum.

Claim 10. A cartridge comprising:

a photosensitive drum provided in a front part of the cartridge;

an engagement member provided adjacent to an end portion of the photosensitive drum so as to be movable in an axial direction of the photosensitive drum;

a movable positioning member provided at a position which is in a front

part of the cartridge and which is on the same side as the side provided with the engagement member in the axial direction of the photosensitive drum; and

an operation member configured to move the positioning member away from an axis of the photosensitive drum by receiving an external force from an outside of the cartridge.

Claim 11. A cartridge according to Claim 10, wherein the positioning member is configured to move toward a front side by the operation member receiving the external force.

Claim 12. A cartridge according to Claim 10 or 11, wherein the positioning member includes a first positioning member and a second positioning member, and the first positioning member and the second positioning member are configured to increase a maximum distance therebetween by the operation member receiving the external force.

Claim 13. A cartridge according to any one of Claims 10 - 12, wherein the operation member is configured to cause the engagement member to move in the axial direction toward an outside of the cartridge.

Claim 14. A cartridge according to any one of Claims 10 - 12, wherein the operation member is a first operation member, and the cartridge further comprises a second operation member configured to move the engagement member toward an outside of the photosensitive drum by the external force received from an outside of the cartridge.

Claim 15. A cartridge according to any one of Claims 10 - 14, wherein

the engagement member is a coupling member capable of transmitting a driving force toward the photosensitive drum.

Claim 16. A cartridge according to any one of Claims 10 - 14, further comprising a gear member having at least a portion exposed to an outside of the cartridge and capable of transmitting the driving force toward the photosensitive drum.

Claim 17. A cartridge comprising:

a photosensitive drum provided in a front part of the cartridge;

a first movable member provided adjacent to an end portion of the photosensitive drum so as to be movable in an axial direction of the photosensitive drum;

a second movable member provided outside the photosensitive drum at a position which is in the front part of the cartridge and which is on the same side as the side provided with the first movable member; and

an operation member configured to move the second movable member toward the front side by receiving an external force from an outside of the cartridge.

Claim 18. A cartridge detachably mountable to a main assembly of an image forming apparatus, the main assembly including an inclinable drive output member capable of outputting a driving force, the cartridge comprising:

a photosensitive drum; and

a coupling member provided adjacent to an end portion of the

photosensitive drum, capable of transmitting the driving force toward the photosensitive drum and movable in an axial direction of the photosensitive drum, the coupling member including (a) a driving force receiving portion capable of receiving the driving force from the drive output member and (b) an inclined portion movable together with the driving force receiving portion in the axial direction and rotatable together with the driving force receiving portion,

wherein the inclined portion is more remote from an axis of the photosensitive drum than the driving force receiving portion, and

the inclined portion is configured to contact the drive output member to reduce an inclination angle of the drive output member to enable engagement between the drive output member and the driving force receiving portion when the coupling member moves toward the drive output member.

Claim 19. A cartridge according to Claim 18, wherein the coupling member includes a cylindrical portion provided surrounding the driving force receiving portion, and the inclined portion is disposed adjacent to a free end of the cylindrical portion.

Claim 20. A cartridge according to Claim 18, wherein the coupling member is maintained in a predetermined phase such that the inclined portion is at a predetermined position.

Claim 21. A cartridge according to any one of Claims 18 - 20, further comprising an operation member configured to cause the coupling member to move toward the drive output member by receiving an external force from the main assembly of the image forming apparatus.

Claim 22. A cartridge detachably mountable to a main assembly of the image forming apparatus, the cartridge comprising:

a photosensitive drum having a first end portion and a second end portion opposite from the first end portion; and

a coupling member provided adjacent to a first end portion of the photosensitive drum, capable of transmitting a driving force to the photosensitive drum and movable in an axial direction of the photosensitive drum, the coupling member including a projected driving force receiving portion and an inclined portion capable of advancing and retracting together with the driving force receiving portion,

wherein the inclined portion is more away from the axis of photosensitive drum than the driving force receiving portion, and

wherein a distance measured from the axis of the photosensitive drum to the inclined portion in a direction perpendicular to the axis increases as a distance from the second end portion of the photosensitive drum in the axial direction increases.

Claim 23. A cartridge according to Claim 22, wherein the coupling member includes a cylindrical portion provided surrounding the driving force receiving portion, and the inclined portion is disposed adjacent to a free end of the cylindrical portion.

Claim 24. A cartridge according to Claim 22, wherein the coupling member is maintained in a predetermined phase such that the inclined portion is at a predetermined position.

Claim 25. A cartridge according to any one of Claims 22 - 24, wherein

at least a part of the inclined portion is more away from the second end portion of the photosensitive drum than the driving force receiving portion in the axial direction of the photosensitive drum.

Claim 26. A cartridge according to any one of Claims 22 - 25, further comprising an operation member configured to move the coupling member toward an outside of the cartridge in the axial direction by receiving an external force from an outside of the cartridge.