**Claims**

Claim 1. A toner container detachably disposed in a body of an image forming device with a longitudinal direction of the toner container held in a horizontal direction, the toner container comprising:

a cylindrical main part that is arranged to have an opening formed at one end in the longitudinal direction so that toner contained in the toner container is delivered to the opening;

a cap part that accommodates the opening of the main part and includes a bottom formed into a toner outlet for discharging the toner from the opening of the main part downward in a vertical direction to a part outside the toner container; and

a shutter member that is held at the bottom of the cap part and arranged to open or close the toner outlet by movement of the shutter member along an outer circumferential surface of the cap part,

wherein the cap part includes a non-compatible shape part disposed at a position on the outer circumferential surface of the cap part and having a convex or concave shape radially formed from an upper portion of a head end of the cap part, the position of the non-compatible shape part relative to the outer circumference of the cap part being specific to a kind of the toner container and uniquely identifying the kind of the toner container, the non-compatible shape part extending along the longitudinal direction and being arranged to confront from a position of ~~a~~ the head end of the cap part in the longitudinal direction toward the main part.

Claim 2. The toner container according to claim 1, wherein the non-compatible shape part is disposed above the cap part.

Claim 3. The toner container according to claim 1, wherein the shutter member includes a shutter main part which opens and closes the toner outlet by engaging with a rail part provided in the cap part and moving along with the rail part, and a shutter deforming part which is formed integrally with the shutter main part to be elastically deformable in a vertical direction from a connecting location with the shutter main part, the shutter deforming part comprising:

a stopper part which regulates movement of the shutter member in a direction from a state in which the shutter member closes the toner outlet by contact with a contact part formed in the cap part to a state in which the shutter member opens the toner outlet; and

a stopper release part which is formed to project downward in the vertical direction and

displaces the stopper part upward by elastic deformation of the shutter deforming part to an upper part and cancels a contact state with the contact part is provided by receiving an external force, wherein the stopper release part is disposed to the non-compatible shape part on the side of the container main part in the longitudinal direction.

Claim 4. The toner container according to claim 1, wherein the cap part comprises:

a cylindrical hollow part formed inside the cap part to extend in the longitudinal direction; and a toner drop passage formed in a pillar-like configuration having a fixed passage area from a circumferential surface of a lower part of the hollow part to the toner outlet.

Claim 5. The toner container according to claim 1, wherein the main part includes a spiral projection on an inner circumference surface of the main part and is rotatably held to the cap part.

Claim 6. An image forming device in which the toner container according to claim 1 is arranged in the image forming device body.

Claim 7. The image forming device according to claim 6, wherein the image forming device body comprises:

a cap receiving part that holds the cap part of the toner container; and

a container receiving part that holds the main part of the toner container and is arranged to cause the toner container to slide toward the cap part after the toner container is placed on the container receiving part, wherein the cap receiving part includes a fitting part that is disposed at a portion near the container receiving part in the longitudinal direction and fits into the non-compatible shape part of the toner container.

Claim 8. The image forming device according to claim 7, wherein the shutter member of the toner container includes a shutter main part which opens and closes the toner outlet by engaging with a rail part provided in the cap part and moving along with the rail part, and a shutter deforming part which is formed integrally with the shutter main part to be elastically

deformable in a vertical direction from a connecting location with the shutter main part, the shutter deforming part comprising:

a stopper part which regulates movement of the shutter member in a direction from a state in which the shutter member closes the toner outlet by contact with a contact part formed in the cap part to a state in which the shutter member opens the toner outlet; and

a stopper release part which is formed to project downward in the vertical direction and displaces the stopper part upward by elastic deformation of the shutter deforming part to an upper part and cancels a contact state with the contact part is provided by receiving an external force, wherein the stopper release part is disposed to the non-compatible shape part on the side of the container main part in the longitudinal direction.

**Claims**

Claim 1. A toner container detachably disposed in a body of an image forming device with a longitudinal direction of the toner container held in a horizontal direction, the toner container comprising:

a cylindrical main part that is arranged to have an opening formed at one end in the longitudinal direction so that toner contained in the toner container is delivered to the opening;

a cap part that accommodates the opening of the main part and includes a bottom formed into a toner outlet for discharging the toner from the opening of the main part downward in a vertical direction to a part outside the toner container; and

a shutter member that is held at the bottom of the cap part and arranged to open or close the toner outlet by movement of the shutter member along an outer circumferential surface of the cap part,

wherein the cap part includes a non-compatible shape part disposed at a position on the outer circumferential surface of the cap part and having a convex or concave shape radially formed from an upper portion of a head end of the cap part, the position of the non-compatible shape part relative to the outer circumference of the cap part being specific to a kind of the toner container and uniquely identifying the kind of the toner container, the non-compatible shape part extending along the longitudinal direction and being arranged to confront from a position of the head end of the cap part in the longitudinal direction toward the main part.

Claim 2. The toner container according to claim 1, wherein the non-compatible shape part is disposed above the cap part.

Claim 3. The toner container according to claim 1, wherein the shutter member includes a shutter main part which opens and closes the toner outlet by engaging with a rail part provided in the cap part and moving along with the rail part, and a shutter deforming part which is formed integrally with the shutter main part to be elastically deformable in a vertical direction from a connecting location with the shutter main part, the shutter deforming part comprising:

a stopper part which regulates movement of the shutter member in a direction from a state in which the shutter member closes the toner outlet by contact with a contact part formed in the cap part to a state in which the shutter member opens the toner outlet; and

a stopper release part which is formed to project downward in the vertical direction and

displaces the stopper part upward by elastic deformation of the shutter deforming part to an upper part and cancels a contact state with the contact part is provided by receiving an external force, wherein the stopper release part is disposed to the non-compatible shape part on the side of the container main part in the longitudinal direction.

Claim 4. The toner container according to claim 1, wherein the cap part comprises:

a cylindrical hollow part formed inside the cap part to extend in the longitudinal direction; and a toner drop passage formed in a pillar-like configuration having a fixed passage area from a circumferential surface of a lower part of the hollow part to the toner outlet.

Claim 5. The toner container according to claim 1, wherein the main part includes a spiral projection on an inner circumference surface of the main part and is rotatably held to the cap part.

Claim 6. An image forming device in which the toner container according to claim 1 is arranged in the image forming device body.

Claim 7. The image forming device according to claim 6, wherein the image forming device body comprises:

a cap receiving part that holds the cap part of the toner container; and

a container receiving part that holds the main part of the toner container and is arranged to cause the toner container to slide toward the cap part after the toner container is placed on the container receiving part, wherein the cap receiving part includes a fitting part that is disposed at a portion near the container receiving part in the longitudinal direction and fits into the non-compatible shape part of the toner container.

Claim 8. The image forming device according to claim 7, wherein the shutter member of the toner container includes a shutter main part which opens and closes the toner outlet by engaging with a rail part provided in the cap part and moving along with the rail part, and a shutter deforming part which is formed integrally with the shutter main part to be elastically

deformable in a vertical direction from a connecting location with the shutter main part, the shutter deforming part comprising:

a stopper part which regulates movement of the shutter member in a direction from a state in which the shutter member closes the toner outlet by contact with a contact part formed in the cap part to a state in which the shutter member opens the toner outlet; and

a stopper release part which is formed to project downward in the vertical direction and displaces the stopper part upward by elastic deformation of the shutter deforming part to an upper part and cancels a contact state with the contact part is provided by receiving an external force, wherein the stopper release part is disposed to the non-compatible shape part on the side of the container main part in the longitudinal direction.