Claims

1. A photosensitive drum comprising:

a tube-shaped conductive base having a surface on which a photosensitive layer is formed, and

a flange inserted from an end of said conductive base and attached to the end, wherein;

said flange is in contact with an inner surface of said conductive base within an electrically-charged region of said conductive base.

2. A photosensitive drum unit, comprising:

the photosensitive drum according to Claim 1, and

an electrifier for electrically charging the photosensitive layer, wherein;

the flange is in contact with an inner surface of the conductive base within a contact region between the photosensitive layer formed on the surface of the conductive base and said electrifier.

3. A method for reducing vibrations of a photosensitive drum comprising a tube-shaped conductive base having a surface on which a photosensitive layer is formed, and a flange attached to an end of the conductive base, wherein:

the method comprises inserting the flange from the end of the conductive base, and bringing the flange into contact with an inner surface of the conductive base within an electrically-charged region of the conductive base to thereby reduce a forced vibration of the conductive base resulting from an exciting force associated with electrical charging.

4. The method for reducing vibrations of the photosensitive drum according to Claim 3, wherein the flange is brought into contact with the inner surface of the conductive base within the contact region between the photosensitive layer formed on the surface of the conductive base and an electrifier for electrically charging the photosensitive layer.

CLAIMS

1. A photosensitive drum unit, comprising:

a photosensitive drum having a tube-shaped conductive base with a surface on which a photosensitive layer is formed, and a flange inserted from an end of said conductive base and attached to the end; and

an electrifier for electrically charging the photosensitive layer, wherein

the flange is in contact with an inner surface of the conductive base within a contact region between the photosensitive layer formed on the surface of the conductive base and said electrifier.

2. A method for reducing vibrations of a photosensitive drum comprising a tube-shaped conductive base having a surface on which a photosensitive layer is formed, and a flange attached to an end of the conductive base, wherein the method comprises:

inserting the flange from the end of the conductive base, and

bringing the flange into contact with an inner surface of the conductive base within an electrically-charged region of the conductive base to thereby reduce a forced vibration of the conductive base resulting from an exciting force associated with electrical charging, wherein the flange is brought into contact with the inner surface of the conductive base within the contact region between the photosensitive layer formed on the surface of the conductive base and an electrifier for electrically charging the photosensitive layer.