# CLAIMS

~~Claim 1. A photosensitive member unit detachably mountable to a main assembly of an image forming apparatus, the image forming apparatus including a first main assembly side helical gear portion and a second main assembly side helical gear portion which are coaxially rotatable, the photosensitive member unit comprising:~~

~~a photosensitive member rotatable about a rotational axis thereof;~~

~~a first unit side helical gear portion for meshing engagement with the first main assembly side helical gear portion; and~~

~~a second unit side helical gear portion for meshing engagement with the second main assembly side helical gear portion,~~

~~wherein a twisting direction of a tooth of the second unit side helical gear portion is the same as the twisting direction of a tooth of first unit side helical gear portion,~~

~~wherein a helix angle of the tooth of the second unit side helical gear portion is larger than a helix angle of the tooth of the first unit side helical gear portion, and~~

~~wherein the first unit side helical gear portion and the second unit side helical gear portion are rotatable in a state in which the first unit side helical gear portion is in meshing engagement with the first main assembly side helical gear portion, and the second unit side helical gear portion is in meshing engagement with the second main assembly side helical gear portion.~~

~~Claim 2. A photosensitive member unit according to Claim 1, wherein with respect to the rotational axis of the photosensitive member, the second unit side helical gear portion is disposed between the photosensitive member and the first unit side helical gear portion.~~

~~Claim 3. A photosensitive member unit according to Claim 1 or 2, wherein with respect to the rotational axis of the photosensitive member, a gap is~~

~~provided between the first unit side helical gear portion when the second unit side helical gear portion.~~

~~Claim 4. A photosensitive member unit according to Claim 3, wherein the main assembly of the image forming apparatus includes a projected portion between the first main assembly side helical gear portion and the second main assembly side helical gear portion, and in a state in which the first unit side helical gear portion is in meshing engagement with the first main assembly side helical gear portion, and second unit side helical gear portion is in meshing engagement with the second main assembly side helical gear portion, and the projected portion is inserted in the gap.~~

~~Claim 5. A photosensitive member unit according to Claim 3 or 4, wherein the unit comprises an intermediary member between the first unit side helical gear portion and the second unit side helical gear portion with respect to the rotational axis of the photosensitive member, the intermediary member being capable of filling the gap.~~

~~Claim 6. A photosensitive member unit according to Claim 5, wherein the intermediary member is movable between a position for providing the gap and a position for filling the gap, by rotation thereof.~~

~~Claim 7. A photosensitive member unit according to Claim 5, wherein the intermediary member is movable between the position for providing the gap and the position for filling the gap, by movement thereof in a direction perpendicular to the rotational axis of the photosensitive member.~~

~~Claim 8. A photosensitive member unit according to Claim 5, wherein the intermediary member is made of an elastic member and is capable of taking a position for providing the gap and a position for filling the gap, by elastic deformation thereof.~~

~~Claim 9. A photosensitive member unit according to any one of Claims 3 - 8, wherein with respect to the rotational axis of the photosensitive member, a tooth width Wc of the first unit side helical gear portion and a width We of the gap satisfy,~~

~~Wc > We # Wc/5.~~

~~Claim 10. A photosensitive member unit according to Claim 9, wherein with respect to the rotational axis of the photosensitive member, the width We of the gap and a tooth width Wd of the second unit side helical gear portion satisfy,~~

~~Wd > We.~~

~~Claim 11. A photosensitive member unit according to any one of Claims 1 - 10, wherein the first helical gear portion and the second helical gear portion each have at least one tooth having a width satisfying,~~

~~Wc > Wd,~~

~~where Wc is a tooth width of the first helical gear portion and Wd is a tooth width of the second helical gear portion, measured in the rotational axis of the photosensitive member.~~

~~Claim 12. A photosensitive member unit according to any one of Claims 1 - 11, wherein the helix angle of the tooth of the first unit side helical gear portion is not less than 15° and not more than 40°.~~

~~Claim 13. A photosensitive member unit according to any one of Claims 1 - 11, wherein the helix angle of the tooth of the first unit side helical gear portion is not less than 20° and not more than 35°.~~

~~Claim 14. A photosensitive member unit according to any one of Claims 1 - 13, wherein the helix angle of the tooth of the first unit side helical gear~~

~~portion is not less than 20° and not more than 40°.~~

~~Claim 15. A photosensitive member unit according to any one of Claims 1 - 13, wherein a helix angle of the second unit side helical gear portion is not less than 25° and not more than 35°.~~

~~Claim 16. A photosensitive member unit according to any one of Claims 1 - 15, wherein the first unit side helical gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of first projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the first unit side helical gear portion, the first projections being provided so as to be contactable with one of the teeth of the first main assembly side helical gear portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 17. A photosensitive member unit according to any one of Claims 1 - 16, wherein the second unit side helical gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of second projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the second unit side helical gear portion, the second projections being provided so as to be contactable with one of the teeth of the second main assembly side helical gear portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 18. A photosensitive member unit according to any one of Claims 1 - 17, wherein the first unit side helical gear portion includes a number of such teeth, and the second unit side helical gear portion includes the same number of such teeth.~~

~~Claim 19. A photosensitive member unit according to any one of~~

~~Claims 1 - 17, wherein first unit side helical gear portion includes a tooth missing part.~~

~~Claim 20. A photosensitive member unit according to any one of Claims 1 - 17, wherein second unit side helical gear portion includes a tooth missing part.~~

~~Claim 21. A photosensitive member unit according to any one of Claims 1 - 20, wherein a projecting direction of the first unit side helical gear portion and a projecting direction of the second unit side helical gear portion include respective components parallel with the rotational axis of the photosensitive drum.~~

~~Claim 22. A photosensitive member unit according to any one of Claims 1 - 21, further comprising an elastic member covering the first unit side helical gear portion and/or the second unit side helical gear portion.~~

~~Claim 23. A photosensitive member unit according to any one of Claims 1 - 22, wherein while the first unit side helical gear portion and the second unit side helical gear portion are rotated in a predetermined direction by rotation of the first main assembly side helical gear portion and the second main assembly side helical gear portion, the first unit side helical gear portion and the second unit side helical gear portion are in a state that the tooth of first unit side helical gear portion is in contact with such a tooth of first main assembly side helical gear portion as is at a position on an upstream side in the predetermined direction, the tooth of the second unit side helical gear portion is in contact with such a tooth of the second main assembly side helical gear portion as is at a position on an upstream side in the predetermined direction, and the tooth of the second unit side helical gear portion is fixed so as not to be rotated in a direction opposite to the predetermined direction relative to the first unit side helical gear portion.~~

~~Claim 24. A photosensitive member unit according to any one of~~

~~Claims 1 - 23, wherein the first unit side helical gear portion is capable of transmitting a driving force to the second unit side helical gear portion.~~

~~Claim 25. A photosensitive member unit according to any one of Claims 1 - 24, wherein the first unit side helical gear portion and the second unit side helical gear portion are rotatable coaxially with each other.~~

~~Claim 26. A photosensitive member unit according to Claim 25, wherein a rotational axis of the first unit side helical gear portion and a rotational axis of the second unit side helical gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 27. A photosensitive member unit according to Claim 25 or 26, wherein the first unit side helical gear portion and the second unit side helical gear portion are integrally molded.~~

~~Claim 28. A photosensitive member unit according to Claim 27, wherein the first unit side helical gear portion when the second unit side helical gear portion integrally resin- molded.~~

~~Claim 29. A photosensitive member unit according to any one of Claims 25 - 28, wherein a diameter of an addendum circle of the second unit side helical gear portion is larger than a diameter of a dedendum circle of the first unit side helical gear portion or 0.8 times a diameter of an addendum circle of the first unit side helical gear portion, and smaller than 1.1 times the diameter of the addendum circle of the first unit side helical gear portion.~~

~~Claim 30. A photosensitive member unit according to any one of Claims 1 - 24, wherein the rotational axis of the first unit side helical gear portion and the rotational axis of the second unit side helical gear portion are not coaxial with each other.~~

~~Claim 31. A photosensitive member unit according to Claim 30, wherein the rotational axis of the first unit side helical gear portion or the rotational axis of the second unit side helical gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 32. A photosensitive member unit according to Claim 30 or 31, wherein the rotational axis of the first unit side helical gear portion and the rotational axis of the second unit side helical gear portion are parallel with each other.~~

~~Claim 33. A photosensitive member unit according to any one of Claims 1 - 24, wherein the first unit side helical gear portion and/or the second unit side helical gear portion is provided on a belt-like member.~~

~~Claim 34. A photosensitive member unit according to any one of Claims 1 - 23, wherein the first unit side helical gear portion is connected with the second unit side helical gear portion so as to be capable of transmitting the driving force.~~

~~Claim 35. A photosensitive member unit according to Claim 34, wherein the first unit side helical gear portion is connected with the second unit side helical gear portion with a play therebetween in the rotational direction.~~

~~Claim 36. A photosensitive member unit according to Claim 34 or 35, wherein the first unit side helical gear portion is capable of being in a connected state of being connected with the second unit side helical gear portion to transit the driving force thereto and in a disconnected state of being incapable of transmitting the driving force to the second unit side helical gear portion.~~

~~Claim 37. A photosensitive member unit according to any one of Claims 1 - 24, wherein a rotational force received by the first unit side helical gear~~

~~portion is transmitted to the photosensitive member.~~

~~Claim 38. A photosensitive member unit according to any one of Claims 1 - 24, further comprising a flange mounted to an end of the photosensitive member in the direction of the rotational axis of the photosensitive member, wherein the first unit side helical gear portion and the second unit side helical gear portion are provided on the flange.~~

~~Claim 39. A photosensitive member unit according to any one of Claims 1 - 36, further comprising a driving force receiving portion capable of meshing engagement with the first main assembly side helical gear portion or the second main assembly side helical gear portion to receive a driving force for rotating the photosensitive member.~~

~~Claim 40. A photosensitive member unit according to any one of Claims 1 - 36, further comprising a driving force receiving portion capable of engagement with a drive force applying portion provided in the main assembly of the image forming apparatus to receive a driving force for rotating the photosensitive member.~~

~~Claim 41. A photosensitive member unit according to Claim 11, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (4/5) • Wc1.~~

~~Claim 42. A photosensitive member unit according to Claim 11, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest~~

~~tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (3/4) • Wc1.~~

~~Claim 43. A photosensitive member unit according to any one of Claims 11, 41 or 42, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 # (1/10) • Wc1.~~

~~Claim 44. A photosensitive member unit according to any one of Claims 1 - 43, wherein a twisting direction of the tooth of the second main assembly side helical gear portion is the same as a twisting direction of the tooth of the first main assembly side helical gear portion, wherein a helix angle of the tooth of the second main assembly side helical gear portion is larger than a helix angle of the tooth of the first main assembly side helical gear portion, and wherein the first main assembly side helical gear portion and the second main assembly side helical gear portion are integrally rotatable.~~

~~Claim 45. A photosensitive member unit according to any one of Claims 1 - 44, wherein the photosensitive member unit is mountable to and dismountable from the main assembly of the image forming apparatus by movement thereof in a direction perpendicular to a rotational axis of the first main assembly side helical gear portion.~~

~~Claim 46. A cartridge comprising the photosensitive member unit~~

~~according to any one of Claims 1 - 45, and a frame rotatably supporting the photosensitive member unit.~~

~~Claim 47. A photosensitive member unit detachably mountable to a main assembly of an image forming apparatus, the main assembly including a first main assembly side helical gear portion and a second main assembly side helical gear portion which are rotatable coaxially with each other, wherein a twisting direction of a tooth of the second main assembly side helical gear portion is the same as a twisting direction of a tooth of the first main assembly side helical gear portion, and a helix angle of the tooth of the second main assembly side helical gear portion is larger than a helix angle of the tooth of the first main assembly side helical gear portion, said photosensitive member unit comprising:~~

~~a photosensitive member rotatable about a rotational axis thereof;~~

~~a first unit side gear portion as a helical gear portion capable of meshing engagement with the first main assembly side helical gear portion; and~~

~~a second unit side gear portion including a plurality of teeth capable of engagement with the second main assembly side helical gear portion,~~

~~wherein the first unit side gear portion and the second unit side gear portion a rotatable in a state in which the first unit side gear portion is meshing engagement with the first main assembly side helical gear portion and the second unit side gear portion is in meshing engagement with the second main assembly side helical gear portion.~~

~~Claim 48. A photosensitive member unit according to Claim 47, wherein with respect to the rotational axis of the photosensitive member, the second unit side gear portion is disposed between the photosensitive member and the first unit side gear portion.~~

~~Claim 49. A photosensitive member unit according to Claim 47 or 48, wherein with respect to the rotational axis of the photosensitive member, a gap provided~~

~~between the first unit side gear portion and the second unit side gear portion.~~

~~Claim 50. A photosensitive member unit according to Claim 49, wherein the main assembly of the image forming apparatus includes a projected portion between the first main assembly side helical gear portion and the second main assembly side helical gear portion, wherein the projected portion is inserted into the gap in a state in which the first unit side gear portion is in meshing engagement with the first main assembly side helical gear portion and the second unit side gear portion is in meshing engagement with the second main assembly side helical gear portion.~~

~~Claim 51. A photosensitive member unit according to Claim 49 or 50, further comprising an intermediary member between the first unit side gear portion and the second unit side gear portion, the intermediary member is capable of filling the gap.~~

~~Claim 52. A photosensitive member unit according to Claim 51, wherein the intermediary member is movable between a position for providing the gap and a position for filling the gap, by rotation thereof.~~

~~Claim 53. A photosensitive member unit according to Claim 51, wherein the intermediary member is movable between the position for providing the gap and the position for filling the gap, by movement thereof in a direction perpendicular to the rotational axis of the photosensitive member.~~

~~Claim 54. A photosensitive member unit according to Claim 51, wherein the intermediary member is made of an elastic member and is capable of taking a position for providing the gap and a position for filling the gap, by elastic deformation thereof.~~

~~Claim 55. A photosensitive member unit according to any one of Claims 49 - 54, wherein with respect to the rotational axis of the photosensitive member,~~

~~a tooth width Wc of the first unit side gear portion and a width We of the gap satisfy,~~

~~Wc > We # Wc/5.~~

~~Claim 56. A photosensitive member unit according to Claim 55, wherein with respect to the rotational axis of the photosensitive member, a width We of the gap and a tooth width Wd of the second unit side gear portion satisfy,~~

~~Wd > We.~~

~~Claim 57. A photosensitive member unit according to any one of Claims 47 - 56, wherein the first helical gear portion and the second helical gear portion each have at least one tooth having a width satisfying,~~

~~Wc > Wd~~

~~where Wc is a tooth width of the first helical gear portion, and Wd is a tooth width of the second helical gear portion, measured in the direction of the rotational axis of the photosensitive member.~~

~~Claim 58. A photosensitive member unit according to any one of Claims 47 - 57, wherein a helix angle of the tooth of the first unit side gear portion is not less than 15° and not more than 40°.~~

~~Claim 59. A photosensitive member unit according to any one of Claims 47 - 57, wherein a helix angle of the tooth of the first unit side gear portion is not less than 20° and not more than 40°.~~

~~Claim 60. A photosensitive member unit according to any one of Claims 47 - 59, wherein the first unit side gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of first projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the first unit side gear portion, the first projections being provided so as to be contactable with one of the teeth of the first main assembly side helical gear~~

~~portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 61. A photosensitive member unit according to any one of Claims 47 - 60, wherein at least one tooth of the teeth of the second unit side gear has a corner portion which is provided so as to contact one tooth of the second main assembly side helical gear portion, only at one position in the direction of the rotational axis.~~

~~Claim 62. A photosensitive member unit according to any one of Claims 47 - 60, wherein the second unit side gear portion is a helical gear portion having a twisting direction which is the same as a twisting direction of the tooth of the first unit side gear portion.~~

~~Claim 63. A photosensitive member unit according to Claim 62, wherein the second unit side gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of second projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the second unit side gear portion, the second projections being provided so as to be contactable with one of the teeth of the second main assembly side helical gear portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 64. A photosensitive member unit according to any one of Claims 47 - 63, wherein the first unit side gear portion includes a number of such teeth, and the second unit side gear portion includes the same number of such teeth.~~

~~Claim 65. A photosensitive member unit according to any one of Claims 47 - 63, wherein first unit side gear portion includes a tooth missing part.~~

~~Claim 66. A photosensitive member unit according to any one of~~

~~Claims 47 - 63, wherein second unit side gear portion includes a tooth missing part,~~

~~Claim 67. A photosensitive member unit according to any one of Claims 47 - 66, wherein a projecting direction of the first unit side gear portion and a projecting direction of the second unit side gear portion include respective components parallel with the rotational axis of the photosensitive drum.~~

~~Claim 68. A photosensitive member unit according to any one of Claims 47 - 67, further comprising an elastic member covering the first unit side gear portion and/or the second unit side gear portion.~~

~~Claim 69. A photosensitive member unit according to any one of Claims 47 - 68, wherein while the first unit side helical gear portion and the second unit side helical gear portion are rotated in a predetermined direction by rotation of the first main assembly side helical gear portion and the second main assembly side helical gear portion, the first unit side gear portion and the second unit side gear portion are in a state that the tooth of first unit side gear portion is in contact with such a tooth of first main assembly side helical gear portion as is at a position on an upstream side in the predetermined direction, a tooth of the second unit side gear portion is in contact with such a tooth of the second main assembly side helical gear portion as is at a position and an upstream side in the predetermined direction, and the tooth of the second unit side gear portion is fixed so as not to be rotated in a direction opposite to the predetermined direction relative to the first unit side gear portion.~~

~~Claim 70. A photosensitive member unit according to any one of Claims 47 - 69, wherein the first unit side gear portion is capable of transmitting a driving force to the second unit side gear portion.~~

~~Claim 71. A photosensitive member unit according to any one of Claims 47 - 70, wherein the first unit side gear portion and the second unit side gear~~

~~portion are rotatable coaxially with each other.~~

~~Claim 72. A photosensitive member unit according to Claim 71, wherein a rotational axis of the first unit side gear portion and a rotational axis of the second unit side gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 73. A photosensitive member unit according to Claim 71 or 72, wherein the first unit side gear portion and the second unit side gear portion are integrally molded.~~

~~Claim 74. A photosensitive member unit according to Claim 73, wherein the first unit side gear portion when the second unit side gear portion integrally resin-molded.~~

~~Claim 75. A photosensitive member unit according to any one of Claims 71 – 74, wherein a diameter of an addendum circle of the second unit side gear portion is larger than a diameter of a dedendum circle of the first unit side gear portion or 0.8 times a diameter of an addendum circle of the first unit side gear portion, and smaller than 1.1 times the diameter of the addendum circle of the first unit side gear portion.~~

~~Claim 76. A photosensitive member unit according to any one of Claims 47 – 70, wherein the rotational axis of the first unit side gear portion and the rotational axis of the second unit side gear portion are not coaxial with each other.~~

~~Claim 77. A photosensitive member unit according to Claim 76, wherein the rotational axis of the first unit side gear portion or the rotational axis of the second unit side gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 78. A photosensitive member unit according to Claim 76 or 77, wherein the rotational axis of the first unit side gear portion and the rotational axis of the second unit side gear portion are parallel with each other.~~

~~Claim 79. A photosensitive member unit according to any one of Claims 47 - 70, wherein the first unit side gear portion and/or the second unit side gear portion is provided on a belt-like member.~~

~~Claim 80. A photosensitive member unit according to any one of Claims 47 - 69, wherein the first unit side gear portion is connected with the second unit side gear portion so as to be capable of transmitting the driving force.~~

~~Claim 81. A photosensitive member unit according to Claim 80, wherein the first unit side gear portion is connected with the second unit side gear portion with a play therebetween in the rotational direction.~~

~~Claim 82. A photosensitive member unit according to Claim 80 or 81, wherein the first unit side gear portion is capable of being in a connected state of being connected with the second unit side gear portion to transit the driving force thereto and in a disconnected state of being incapable of transmitting the driving force to the second unit side gear portion.~~

~~Claim 83. A photosensitive member unit according to any one of Claims 47 - 70, wherein a rotational force received by the first unit side gear portion is transmitted to the photosensitive member.~~

~~Claim 84. A photosensitive member unit according to any one of Claims 47 - 70, further comprising a flange mounted to an end of the photosensitive member in the direction of the rotational axis of the photosensitive member, and the first unit side gear portion and the second unit side gear portion are provided on the flange.~~

~~Claim 85. A photosensitive member unit according to any one of Claims 47 - 82, further comprising a driving force receiving portion capable of meshing engagement with the first main assembly side helical gear portion or the second main assembly side helical gear portion to receive a driving force for rotating the photosensitive member.~~

~~Claim 86. A photosensitive member unit according to any one of Claims 47 - 82, further comprising a driving force receiving portion capable of engagement with a drive force applying portion provided in the main assembly of the image forming apparatus to receive a driving force for rotating the photosensitive member.~~

~~Claim 87. A photosensitive member unit according to Claim 57, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (4/5) • Wc1.~~

~~Claim 88. A photosensitive member unit according to Claim 57, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (3/4) • Wc1.~~

~~Claim 89. A photosensitive member unit according to Claim 57, 87 or~~

~~88, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 # (1/10) • Wc1.~~

~~Claim 90. A photosensitive member unit according to any one of Claims 47 - 89, wherein the first main assembly side helical gear portion and the second main assembly side helical gear portion are integrally rotatable.~~

~~Claim 91. A photosensitive member unit according to any one of Claims 47 - 90, wherein the photosensitive member unit is mountable to and dismountable from the main assembly of the image forming apparatus by movement thereof in a direction perpendicular to a rotational axis of the first main assembly side helical gear portion.~~

~~Claim 92. A cartridge comprising the photosensitive member unit according to any one of Claims 47 - 91, and a frame rotatably supporting the photosensitive member unit.~~

~~Claim 93. A photosensitive member unit detachably mountable to a main assembly of an image forming apparatus, the image forming apparatus including a first main assembly side helical gear portion and a second main assembly side helical gear portion which are coaxially rotatable, the photosensitive member unit comprising:~~

~~a photosensitive member rotatable about a rotational axis thereof;~~

~~a first unit side gear portion as a helical gear portion capable of meshing engagement with the first main assembly side helical gear portion; and~~

~~a second unit side gear portion including a plurality of teeth capable of engagement with the second main assembly side helical gear portion,~~

~~wherein while the first unit side gear portion and the second unit side gear portion are rotated in a predetermined direction by rotation of the first main assembly side helical gear portion and the second main assembly side helical gear portion, the tooth of first unit side gear portion is in contact with such a tooth of first main assembly side helical gear portion as is at a position on an upstream side in the predetermined direction, the tooth of the second unit side gear portion is in contact with such a tooth of the second main assembly side helical gear portion as is at a position on an upstream side in the predetermined direction.~~

~~Claim 94. A photosensitive member unit according to Claim 93, wherein with respect to the rotational axis of the photosensitive member, the second unit side gear portion is disposed between the photosensitive member and the first unit side gear portion.~~

~~Claim 95. A photosensitive member unit according to Claim 93 or 94, wherein with respect to the rotational axis of the photosensitive member, a gap provided between the first unit side gear portion and the second unit side gear portion.~~

~~Claim 96. A photosensitive member unit according to Claim 95, wherein the main assembly of the image forming apparatus includes a projected portion between the first main assembly side helical gear portion and the second main assembly side helical gear portion, wherein the projected portion is inserted into the gap in a state in which the first unit side gear portion is in meshing engagement with the first main assembly side helical gear portion and the second unit side gear portion is in meshing engagement with the second main assembly side helical gear portion.~~

~~Claim 97. A photosensitive member unit according to Claim 95 or 96, further comprising an intermediary member between the first unit side gear portion and the second unit side gear portion, the intermediary member is capable of filling the gap.~~

~~Claim 98. A photosensitive member unit according to Claim 97, wherein the intermediary member is movable between a position for providing the gap and a position for filling the gap, by rotation thereof.~~

~~Claim 99. A photosensitive member unit according to Claim 97, wherein the intermediary member is movable between the position for providing the gap and the position for filling the gap, by movement thereof in a direction perpendicular to the rotational axis of the photosensitive member.~~

~~Claim 100. A photosensitive member unit according to Claim 97, wherein the intermediary member is made of an elastic member and is capable of taking a position for providing the gap and a position for filling the gap, by elastic deformation thereof.~~

~~Claim 101. A photosensitive member unit according to any one of Claims 95 - 100, wherein with respect to the rotational axis of the photosensitive member, a tooth width Wc of the first unit side gear portion and a width We of the gap satisfy,~~

~~Wc > We # Wc/5.~~

~~Claim 102. A photosensitive member unit according to Claim 101, wherein with respect to the rotational axis of the photosensitive member, a width We of the gap and a tooth width Wd of the second unit side gear portion satisfy,~~

~~Wd > We.~~

~~Claim 103. A photosensitive member unit according to any one of Claims 93 - 102, wherein the first helical gear portion and the second helical gear portion each have at least one tooth having a width satisfying,~~

~~Wc > Wd~~

~~where Wc is a tooth width of the first helical gear portion, and Wd is a tooth~~

~~width of the second helical gear portion, measured in the direction of the rotational axis of the photosensitive member.~~

~~Claim 104. A photosensitive member unit according to any one of Claims 93 - 103, wherein a helix angle of the tooth of the first unit side gear portion is not less than 15° and not more than 40°.~~

~~Claim 105. A photosensitive member unit according to any one of Claims 93 - 103, wherein a helix angle of the tooth of the first unit side gear portion is not less than 15° and not more than 35°.~~

~~Claim 106. A photosensitive member unit according to any one of Claims 93 - 105, wherein the first unit side gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of first projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the first unit side gear portion, the first projections being provided so as to be contactable with one of the teeth of the first main assembly side helical gear portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 107. A photosensitive member unit according to any one of Claims 93 - 106, wherein at least one tooth of the teeth of the second unit side gear has a corner portion provided so as to contact one tooth of the second main assembly side helical gear portion, only at one position in the direction of the rotational axis.~~

~~Claim 108. A photosensitive member unit according to any one of Claims 93 - 106, wherein the second unit side gear portion is a helical gear portion having a twisting direction which is the same as a twisting direction of the tooth of the first unit side gear portion.~~

~~Claim 109. A photosensitive member unit according to Claim 108, wherein the second unit side gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of second projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the second unit side gear portion, the second projections being provided so as to be contactable with one of the teeth of the second main assembly side helical gear portion at respective positions away from each other in the direction of the rotational axis.~~

~~Claim 110. A photosensitive member unit according to any one of Claims 93 - 109, wherein the first unit side gear portion includes a number of such teeth, and the second unit side gear portion includes the same number of such teeth.~~

~~Claim 111. A photosensitive member unit according to any one of Claims 93 - 109, wherein first unit side gear portion includes a tooth missing part.~~

~~Claim 112. A photosensitive member unit according to any one of Claims 93 - 109, wherein second unit side gear portion includes a tooth missing part,~~

~~Claim 113. A photosensitive member unit according to any one of Claims 93 - 112, wherein a projecting direction of the first unit side gear portion and a projecting direction of the second unit side gear portion include respective components parallel with the rotational axis of the photosensitive drum.~~

~~Claim 114. A photosensitive member unit according to any one of Claims 93 - 113, further comprising an elastic member covering the first unit side gear portion and/or the second unit side gear portion.~~

~~Claim 115. A photosensitive member unit according to any one of~~

~~Claims 93 - 114, wherein while the first unit side gear portion and the second unit side gear portion are rotated in a predetermined direction by rotation of the first main assembly side helical gear portion and the second main assembly side helical gear portion, the first unit side gear portion and the second unit side gear portion are in a state that the tooth of the second unit side gear portion is fixed so as not to be rotated in a direction opposite to the predetermined direction relative to the first unit side gear portion.~~

~~Claim 116. A photosensitive member unit according to any one of Claims 93 - 115, wherein the first unit side gear portion is capable of transmitting a driving force to the second unit side gear portion.~~

~~Claim 117. A photosensitive member unit according to any one of Claims 93 - 116, wherein the first unit side gear portion and the second unit side gear portion are rotatable coaxially with each other.~~

~~Claim 118. A photosensitive member unit according to Claim 117, wherein a rotational axis of the first unit side gear portion and a rotational axis of the second unit side gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 119. A photosensitive member unit according to Claim 117 or 118, wherein the first unit side gear portion and the second unit side gear portion are integrally molded.~~

~~Claim 120. A photosensitive member unit according to Claim 119, wherein the first unit side gear portion when the second unit side gear portion integrally resin-molded.~~

~~Claim 121. A photosensitive member unit according to any one of~~

~~Claims 117 - 120, wherein a diameter of an addendum circle of the second unit side gear portion is larger than a diameter of a dedendum circle of the first unit side gear portion or 0.8 times a diameter of an addendum circle of the first unit side gear portion, and smaller than 1.1 times the diameter of the addendum circle of the first unit side gear portion.~~

~~Claim 122. A photosensitive member unit according to any one of Claims 93 - 116, wherein the rotational axis of the first unit side gear portion and the rotational axis of the second unit side gear portion are not coaxial with each other.~~

~~Claim 123. A photosensitive member unit according to Claim 122, wherein the rotational axis of the first unit side gear portion or the rotational axis of the second unit side gear portion are coaxial with the rotational axis of the photosensitive member.~~

~~Claim 124. A photosensitive member unit according to Claim 122 or 123, wherein the rotational axis of the first unit side gear portion and the rotational axisof the second unit side gear portion are parallel with each other.~~

~~Claim 125. A photosensitive member unit according to any one of Claims 93 - 116, wherein the first unit side gear portion and/or the second unit side gear portion is provided on a belt-like member.~~

~~Claim 126. A photosensitive member unit according to any one of Claims 93 - 115, wherein the first unit side gear portion is connected with the second unit side gear portion so as to be capable of transmitting the driving force.~~

~~Claim 127. A photosensitive member unit according to Claim 126, wherein the first unit side gear portion is connected with the second unit side gear portion with a play therebetween in the rotational direction.~~

~~Claim 128. A photosensitive member unit according to Claim 126 or 127, wherein the first unit side gear portion is capable of being in a connected state of being connected with the second unit side gear portion to transit the driving force thereto and in a disconnected state of being incapable of transmitting the driving force to the second unit side gear portion.~~

~~Claim 129. A photosensitive member unit according to any one of Claims 93 - 116, wherein a rotational force received by the first unit side gear portion is transmitted to the photosensitive member.~~

~~Claim 130. A photosensitive member unit according to any one of Claims 93 - 116, further comprising a flange mounted to an end of the photosensitive member in the direction of the rotational axis of the photosensitive member, wherein the first unit side gear portion and the second unit side gear portion are provided on the flange.~~

~~Claim 131. A photosensitive member unit according to any one of Claims 93 - 128, further comprising a driving force receiving portion capable of meshing engagement with the first main assembly side helical gear portion or the second main assembly side helical gear portion to receive a driving force for rotating the photosensitive member.~~

~~Claim 132. A photosensitive member unit according to any one of Claims 93 - 128, further comprising a driving force receiving portion capable of engagement with a drive force applying portion provided in the main assembly of the image forming apparatus to receive a driving force for rotating the photosensitive member.~~

~~Claim 133. A photosensitive member unit according to Claim 103, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest~~

~~tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (4/5) • Wc1.~~

~~Claim 134. A photosensitive member unit according to Claim 103, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 " (3/4) • Wc1.~~

~~Claim 135. A photosensitive member unit according to Claim 103, 133 or 134, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,~~

~~Wd1 # (1/10) • Wc1.~~

~~Claim 136. A photosensitive member unit according to any one of Claims 93 - 135, wherein the first main assembly side helical gear portion and the second main assembly side helical gear portion are integrally rotatable.~~

~~Claim 137. A photosensitive member unit according to any one of Claims 93 - 136, wherein the photosensitive member unit is mountable to and dismountable from the main assembly of the image forming apparatus by movement thereof in a direction perpendicular to a rotational axis of the first main assembly side~~

~~helical gear portion.~~

~~Claim 138. A cartridge comprising the photosensitive member unit according to any one of Claims 93 - 137, and a frame rotatably supporting the photosensitive member unit.~~

Claim ~~139~~1. A photosensitive member unit detachably mountable to a main assembly of an image forming apparatus, the photosensitive member unit comprising:

a photosensitive member rotatable about a rotational axis thereof;

a rotatable first helical gear portion;

a second helical gear portion integrally rotatable with the first helical gear portion; and

a twisting direction of a tooth of the second helical gear portion is the same as a twisting direction of a tooth of the first helical gear portion, and a helix angle of the tooth of the second helical gear portion is larger than a helix angle of the tooth of the first helical gear portion.

Claim ~~140~~2. A photosensitive member unit according to Claim ~~139~~1, wherein with respect to the rotational axis of the photosensitive member, the second helical gear portion is provided between the photosensitive member and the first helical gear portion.

Claim ~~141~~3. A photosensitive member unit according to Claim ~~139~~ 1 or~~140~~ 2, wherein with respect to the rotational axis of the photosensitive member, a gap is formed between the first helical gear portion and the second helical gear portion.

Claim ~~142~~4. A photosensitive member unit according to Claim ~~141~~3,further comprising an intermediary member provided between the first helical gear portion and the second helical gear portion with respect to the rotational axis of the

photosensitive member, the intermediary member being capable of filling the gap.

Claim ~~143~~5. A photosensitive member unit according to Claim ~~142~~4, wherein the intermediary member is movable between a position for providing the gap and a position for filling the gap, by rotation thereof.

Claim ~~144~~6. A photosensitive member unit according to Claim ~~142~~4, wherein the intermediary member is movable between the position for providing the gap and the position for filling the gap, by movement thereof in a direction perpendicular to the rotational axis of the photosensitive member.

Claim ~~145~~7. A photosensitive member unit according to Claim ~~142~~4, wherein the intermediary member is made of an elastic member and is capable of taking a position for providing the gap and a position for filling the gap, by elastic deformation thereof.

Claim ~~146~~8. A photosensitive member unit according to any one of Claims ~~141 – 145~~3-7, wherein with respect to the rotational axis of the photosensitive member, a tooth width Wc of the first helical gear portion and a width We a gap satisfy,

$$Wc > We \# Wc/5.$$

Claim ~~147~~9. A photosensitive member unit according to Claim ~~146~~8, wherein with respect to the rotational axis of the photosensitive member, a width We of the gap and a tooth width Wd of the second helical gear portion satisfy,

$$Wd > We.$$

Claim ~~148~~10. A photosensitive member unit according to any one of Claims ~~139 – 147~~1-9, wherein the first helical gear portion and the second helical gear portion each have at least one tooth having a width satisfying,

$$Wc > Wd$$

where Wc is a tooth width of the first helical gear portion, and Wd is a tooth width of the second helical gear portion, measured in the direction of the rotational axis of the photosensitive member.

Claim ~~149~~11. A photosensitive member unit according to Claim ~~148~~10, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,

$$Wd1 \text{ " } (4/5) \cdot Wc1.$$

Claim ~~150~~12. A photosensitive member unit according to Claim ~~148~~10, wherein a tooth width Wc1 of the tooth of the first helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,

$$Wd1 \text{ " } (3/4) \cdot Wc1.$$

Claim ~~151~~13. A photosensitive member unit according to any one of Claims ~~148 – 150~~10-12, wherein a tooth width Wc1 of the tooth of the first helical gear portionthat has a largest tooth width measured in the direction of the rotational axis of the photosensitive member and a tooth width Wd1 of the tooth of the second helical gear portion that has a largest tooth width measured in the direction of the rotational axis of the photosensitive member satisfy,

$$Wd1 \# (1/10) \cdot Wc1.$$

Claim ~~152~~14. A photosensitive member unit according to any one of

Claims ~~139 - 148~~1-10, wherein a helix angle of the tooth of the first helical gear portion is notless than 15° and not more than 40°.

Claim ~~153~~15. A photosensitive member unit according to Claim ~~152~~14,wherein the helix angle of the tooth of the first helical gear portion is not less than 20°and not more than 35°.

Claim ~~154~~16. A photosensitive member unit according to any one of Claims ~~139 - 150~~1-12, wherein a helix angle of the tooth of the second helical gear portion isnot less than 20° and not more than 40°.

Claim ~~155~~17. A photosensitive member unit according to any one of Claims ~~139 - 150~~1-12, wherein a helix angle of the tooth of the second helical gear portion isnot less than 25° and not more than 35°.

Claim ~~156~~18. A photosensitive member unit according to any one of Claims ~~139 - 153~~1-15, wherein the first helical gear portion includes a plurality of such teeth,at least one of which is constituted by a plurality of first projections provided separately in the direction of the rotational axis of the photosensitive member or in a rotational movement direction of the first helical gear portion.

Claim ~~157~~19. A photosensitive member unit according to any one of Claims ~~139 - 156~~1-18, wherein the second helical gear portion includes a plurality of such teeth, at least one of which is constituted by a plurality of second projections providedseparately in the direction of the rotational axis of the photosensitive member or in arotational movement direction of the second helical gear portion.

Claim ~~158~~20. A photosensitive member unit according to any one of Claims ~~139 - 157~~1-19, wherein the first helical gear portion includes a number of such teeth,and the second helical gear portion includes the same number of such teeth.

Claim ~~159~~21. A photosensitive member unit according to any one of Claims ~~139 - 157~~1-19, wherein the first helical gear portion includes a tooth missing part.

Claim ~~160~~22. A photosensitive member unit according to any one of Claims ~~139 - 157~~1-19, wherein the second helical gear portion includes a tooth missing part.

Claim ~~161~~23. A photosensitive member unit according to any one of Claims ~~139 - 160~~1-22, wherein a projecting direction of the first a helical gear portion and aprojecting direction of the second a helical gear portion include respective components parallel with the rotational axis of the photosensitive drum.

Claim ~~162~~24. A photosensitive member unit according to any one of Claims ~~139 - 161~~1-23, further comprising an elastic member covering the first helical gearportion and/or the second helical gear portion.

Claim ~~163~~25. A photosensitive member unit according to any one of Claims ~~139 - 162~~1-24, wherein while the first helical gear portion and the second helical gear portion are rotated in a predetermined direction, the first a helical gear portion and the second a helical gear portion are in a state that the tooth of the second helical gear portionis fixed so as not to be rotated in a direction opposite to the predetermined direction relative to the first helical gear portion.

Claim ~~164~~26. A photosensitive member unit according to any one of Claims ~~139 - 161~~1-23, wherein the first helical gear portion is capable of transmitting a driving force to the second helical gear portion.

Claim ~~165~~27. A photosensitive member unit according to any one of Claims ~~139 - 164~~1-26, wherein the first helical gear portion and the second helical gearportion a rotatable coaxially with each other.

Claim ~~166~~28. A photosensitive member unit according to Claim ~~165~~27,wherein a rotational axis of the first helical gear portion and a rotational axis of the second helical gear portion is coaxial with the rotational axis of the photosensitive member.

Claim ~~167~~29. A photosensitive member unit according to Claim ~~165~~ 27 or~~166~~ 28, wherein the first helical gear portion and the second helical gear portion are integrally molded.

Claim ~~168~~30. A photosensitive member unit according to Claim ~~167~~29,wherein the first helical gear portion and the second helical gear portion are integrallyresin-molded.

Claim ~~169~~31. A photosensitive member unit according to any one of Claims ~~165 – 168~~27-30, wherein a diameter of an addendum circle of the second helical gearportion is larger than a diameter of a dedendum circle of the first a helical gear portion or
0.8 times a diameter of an addendum circle of the first a helical gear portion, and smaller than 1.1 times the diameter of the addendum circle of the first helical gear portion.

Claim ~~170~~32. A photosensitive member unit according to Claim ~~169~~31, wherein the diameter of the addendum circle of the second helical gear portion is largerthan 0.9 times the diameter of the addendum circle of the first helical gear portion.

Claim ~~171~~33. A photosensitive member unit according to any one of Claims ~~139 – 164~~1-26, wherein a rotational axis of the first helical gear portion and a rotational axis of the second helical gear portion are is not coaxial with each other.

Claim ~~172~~34. A photosensitive member unit according to Claim ~~171~~33,wherein the rotational axis of the first helical gear portion or the rotational axis of the second helical gear portion are coaxial with the rotational axis of the photosensitivemember.

Claim ~~173~~35. A photosensitive member unit according to Claim ~~171~~ 33 or ~~172~~34, wherein the rotational axis of the first helical gear portion and the rotational axis ofthe second helical gear portion are parallel with each other.

Claim ~~174~~36. A photosensitive member unit according to any one of Claims ~~139 - 164~~1-26, wherein the first helical gear portion and/or the second helical gearportion are provided on a belt-like member.

Claim ~~175~~37. A photosensitive member unit according to any one of Claims ~~139 - 163~~1-25, wherein the first helical gear portion connected with the second helicalgear portion so as to be capable of transmitting a driving force.

Claim ~~176~~38. A photosensitive member unit according to Claim ~~175~~37,wherein the first helical gear portion is connected with the second helical gear portionwith a play in the rotational movement direction.

Claim ~~177~~39. A photosensitive member unit according to Claim ~~175~~ 37 or~~176~~ 38, wherein the first a helical gear portion is capable of being in a connected state ofbeing connected with the second helical gear portion to transit the driving force thereto and in a disconnected state of being incapable of transmitting the driving force to the second helical gear portion.

Claim ~~178~~40. A photosensitive member unit according to any one of Claims ~~139 - 164~~1-26, wherein the first helical gear portion is connected with the photosensitive member so as to be capable of transmitting a rotational force.

Claim ~~179~~41. A photosensitive member unit according to any one of Claims ~~139 - 164~~1-26, further comprising a flange mounted to an end of the photosensitive member in the direction of the rotational axis of the photosensitive member, wherein thefirst helical gear portion and the second helical gear portion are provided on the flange.

Claim ~~180~~42. A photosensitive member unit according to any one of Claims ~~139 - 177~~1-39, further comprising a third gear portion connected so as to be capableof transmitting the driving force to the photosensitive member.

~~Claim 181. A cartridge detachably mountable to a main assembly of an image forming apparatus, the cartridge comprising:~~

~~a rotatable member rotatable about a rotational axis thereof;~~

~~a frame rotatably supporting the rotatable member;~~

~~a first gear portion as a helical gear portion; and~~

~~a second gear portion including a plurality of teeth,~~

~~wherein with respect to the rotational direction of the rotatable member, the second gear portion disposed between the first gear portion and the rotatable member,~~

~~wherein a gap provided between the first gear portion and the second gear portion, with respect to the direction of the rotational axis of the rotatable member,~~

~~wherein the first gear portion and the second gear portion each have at least one tooth satisfying,~~

~~Wc > Wd.~~

~~where Wc is a tooth width of the first gear portion, and Wd is a tooth width of the second gear portion, measured in the direction of the rotational axis of the rotatable member.~~

~~Claim 182. (Amended) A cartridge detachably mountable to a main assembly of an image forming apparatus, the cartridge comprising:~~

~~a rotatable member rotatable about a rotational axis thereof;~~

~~a frame rotatably supporting the rotatable member;~~

~~a first gear portion as a helical gear portion; and~~

~~a second gear portion including a plurality of teeth,~~

~~wherein with respect to the rotational direction of the rotatable member, the second gear portion disposed between the first gear portion and the rotatable member,~~

~~wherein a gap provided between the first gear portion and the second gear portion, with respect to the direction of the rotational axis of the rotatable member,~~

~~wherein with respect to the direction of the rotational axis of the rotatable member, a tooth width Wc of the first gear portion and a width We of the gap satisfy,~~

~~Wc > We # Wc/5.~~

~~Claim 183. A cartridge detachably mountable to a main assembly of an image forming apparatus, the cartridge comprising:~~

~~a photosensitive member rotatable about a rotational axis thereof;~~

~~a frame rotatably supporting the photosensitive member;~~

~~a first gear portion as a helical gear portion;~~

~~a second gear portion including a plurality of teeth,~~

~~a memory substrate supported by the frame; and~~

~~an electrode portion electrically connected with the memory substrate,~~

~~wherein with respect to the rotational axis of the photosensitive member, the second gear portion disposed between the first gear portion and the photosensitive member, and a gap is provided between the first gear portion and the second gear portion, and~~

~~wherein with respect to the rotational axis of the photosensitive member, the first gear portion and the second gear portion are provided at a first end portion of the frame, and the electrode portion is provided at a second end portion of the frame which is opposite from the first end portion of the frame.~~

~~Claim 184. A cartridge detachably mountable to a main assembly of an image forming apparatus, the cartridge comprising:~~

~~a photosensitive member unit including a photosensitive member rotatable about a rotational axis thereof, a first gear portion having a plurality of teeth, and a second gear portion having a plurality of teeth;~~

~~a frame having a frame first end portion and a frame second end portion opposite from the frame first end portion, with respect to the rotational axis of the photosensitive member;~~

~~a developing roller for carrying a developer to be deposited on the photosensitive member; and~~

~~a memory substrate including an electrode portion,~~

~~wherein with respect to the rotational axis of the photosensitive member, the first gear portion is disposed at a position closer to the first end portion of the frame than to the second end portion of the frame, the second gear portion is disposed between the first gear portion and the photosensitive member, and a gap is provided between the first gear portion and the second gear portion,~~

~~wherein the frame is provided with a first bearing member provided at the first end portion of the frame, and a second bearing member provided at the second end portion of the frame,~~

~~wherein the first bearing member is provided with a projection which projects in a direction of the rotational axis of the photosensitive member and which is provided with a hole portion inside thereof, and the first bearing member rotatably supports the rotatably by an inner peripheral surface of the hole portion, and~~

~~wherein the second bearing member rotatably supports the photosensitive member unit, and supports the memory substrate.~~

~~Claim 185. A cartridge detachably mountable to a main assembly of an image forming apparatus, the cartridge comprising:~~

~~a photosensitive member unit including a photosensitive member rotatable about a rotational axis thereof, a first gear portion having a plurality of teeth, and a second gear portion having a plurality of teeth;~~

~~a frame having a first end portion of the frame and a second end portion of the frame opposite from the first end portion, with respect to the rotational axis of the photosensitive member; and~~

~~a developing roller for carrying a developer to be deposited on the photosensitive member,~~

~~wherein with respect to the rotational axis of the photosensitive member, the first gear portion is disposed at a position closer to the frame first end portion than to the frame second end portion, the second gear portion is disposed between the first gear portion and the photosensitive member, and a gap is provided between the first gear portion and the second gear portion,~~

~~wherein the frame is provided with a first bearing member at the frame first end portion,~~

~~wherein the first bearing member is provided with a projection projecting in a direction of the rotational axis of the photosensitive member, and a supporting portion provided on an inner peripheral surface of a hole portion formed the inside of the projection and rotatably supporting the photosensitive member unit, and~~

~~wherein the projection is elongated along a direction perpendicular to the rotational axis and parallel with a line connecting a rotation axis of the developing roller.~~