CLAIMS

[Claim 1] A radiation protection equipment, comprising:

a first protection sheet arranged on a periphery of a radiation source device and configured to shield radiation;

a second protection sheet formed separately from the first protection sheet, arranged on a side of an operation table, and configured to shield radiation; and

a third protection sheet formed separately from the first protection sheet and the second protection sheet, arranged on a periphery of a surgical field so as to expose the surgical field, and configured to shield the radiation,

wherein the first protection sheet includes a first side surface sheet facing a first side surface of the radiation source device, a second side surface sheet facing a second side surface of the radiation source device, and a back surface sheet facing a back surface of the radiation source device, and

wherein the first side surface sheet, the second side surface sheet, and the back surface sheet are formed separately from each other.

[Claim 2] A radiation protection equipment according to claim 1, wherein if the radiation source device and a detector are arranged in a substantially horizontal direction, the first protection sheet is arranged such that the first side surface sheet faces the first side surface of the radiation source device, the second side surface sheet faces the second side surface of the radiation source device, and the back surface sheet faces the back surface of the radiation source device.

[Claim 3] A radiation protection equipment according to claim 1 or 2,

wherein the third protection sheet includes at least two sheets that are combined so as to expose a rectangular region, and

wherein the two sheets are formed separately from each

other.

[Claim 4] A radiation protection equipment according to any one of claims 1 to 3, further comprising a sheet support part configured to support the first protection sheet or the third protection sheet.

[Claim 5] A radiation protection equipment according to claim 4, wherein the sheet support part includes a first extension part extending in a horizontal direction, a second extension part continued from the first extension part and extending in a vertical direction, and a fixing part fixed to an operation table.

[Claim 6] A radiation protection equipment, comprising a protection member configured to shield radiation and including a first side surface member facing a first side surface of a radiation source device, a second side surface member facing a second side surface of the radiation source device, and a back surface member facing a back surface of the radiation source device,

wherein the first side surface member, the second side surface member, and the back surface member are formed separately from each other.

[Claim 7] A radiation protection equipment according to claim 6, wherein if the radiation source device and a detector are arranged in a substantially horizontal direction, the protection member is arranged such that the first side surface member faces the first side surface of the radiation source device, the second side surface member faces the second side surface of the radiation source device, and the back surface member faces the back surface of the radiation source device.

[Claim 8] A radiation protection equipment according to claim 6 or 7, further comprising another protection member

formed separately from the protection member, arranged on a periphery of a surgical field so as to expose the surgical field, and configured to shield the radiation.

[Claim 9] A radiation protection system, comprising:

an imaging apparatus including a radiation source device and a detector; and

the radiation protection equipment of any one of claims 1 to 8.

[Claim 10] A radiation protection system according to claim 9,

wherein the imaging apparatus includes a C-shaped arm supporting the radiation source device and the detector, and

wherein the C-shaped arm is arranged to move the radiation source device and the detector between a substantially horizontal direction and a substantially vertical direction.