CLAIMS

1. A radiation protection device for a system which is configured to perform safety inspection of a cargo or a vehicle by a ray, the radiation protection device comprising:

a plurality of~~at least one~~ containers, and

a radiation protection part disposed within each of the containers,

wherein:

the radiation protection part comprises a protection wall, the protection wall having a protection wall body and a flange portion extending from at least a portion of an edge of the protection wall body and being arranged, in use, to attenuate rays passing through an abutting portion of the containers.

~~2. The radiation protection device of claim 1, wherein:~~

~~the radiation protection part comprises a case and a radiation protection material accommodated in the case.~~

~~3. The radiation protection device of claim 2, wherein:~~

~~the radiation protection material is filled into the case on site or at a site where the system is mounted.~~

~~4. The radiation protection device of claim 2 or 3, wherein:~~

~~the radiation protection material comprises at least one of concrete, sandstone, and water.~~

~~5. The radiation protection device of claim 1, wherein:~~

~~the radiation protection part comprises a protection wall.~~

~~6. The radiation protection device of claim 1, wherein:~~

~~the radiation protection part comprises a protection wall, and the protection wall has a protection wall body and a flange portion extending from at least a portion of an edge of the protection wall body.~~

2~~7~~. The radiation protection device of claim 1, wherein:

the ~~radiation protection part comprises a protection wall, and the protection wall has a protection wall body and a~~ flange portion ~~extending from at least a portion of an edge of the protection wall body and~~ form~~s~~ing a predetermined angle with the protection wall body.

3~~8~~. The radiation protection device of claim 2~~7~~, wherein:

the predetermined angle ranges from about 45 degrees to about 90 degrees.

4~~9~~. The radiation protection device of claim 2~~7~~, wherein:

the predetermined angle comprises about 90 degrees.

5~~10~~. The radiation protection device of claim 1~~6~~, wherein:

the flange portion protrudes ~~towards a side of the protection wall body~~ from at least one of an upper edge and a lower edge of the protection wall body.

6~~11~~. The radiation protection device of claim 1~~6~~ or 5~~10~~, wherein:

the flange portion protrudes ~~towards both sides of the protection wall body~~ from at least one of a left edge and a right edge of the protection wall body.

7~~12~~. The radiation protection device of any of claims 1~~6~~-4~~9~~, wherein:

the protection wall body has a substantially rectangular shape, and the flange portion protrudes ~~towards at least one of both sides of the protection wall body~~ from at least one of four side edges of the protection wall body.

8~~13~~. The radiation protection device of any of claims 1~~6~~-6~~11~~, wherein:

the flange portion has a substantially flat shape.

9~~14~~. The radiation protection device of any of claims 1~~6~~-6~~11~~, wherein:
the flange portion has a substantially plate shape.

10~~15~~. The radiation protection device of any of claims 1~~6~~-6~~11~~, wherein:
the protection wall body has a substantially flat shape.

11~~16~~. The radiation protection device of any of claims 1~~6~~-6~~11~~, wherein:
the protection wall body has a substantially plate shape.

12~~17~~. The radiation protection device of any of claims 1~~5~~-6~~11~~, wherein:
the protection wall is integral or a one-piece wall, or composed of a plurality of separate elements.

~~18. The radiation protection device of claim 2 or 3, wherein:~~
~~the case comprises a singlecase which is placed in the container or a plurality of cases which are arranged together in the container.~~