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 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 entire edge, at an abutting portion of the containers, of the protection wall body and being arranged, in use, to attenuate rays passing through the~~an~~ abutting portion of the containers.

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

the flange portion forms a predetermined angle with the protection wall body.

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

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

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

the predetermined angle comprises about 90 degrees.

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

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

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

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

7. The radiation protection device of any of claims 1-4, wherein:

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

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

the flange portion has a substantially flat shape.

9. The radiation protection device of any of claims 1-6, wherein:

the flange portion has a substantially plate shape.

10. The radiation protection device of any of claims 1-6, wherein:

the protection wall body has a substantially flat shape.

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

the protection wall body has a substantially plate shape.

12. The radiation protection device of any of claims 1-6, wherein:

the protection wall is integral or a one-piece wall, or composed of a plurality of separate elements.