CLAIMS

1. A system for scanning pieces of luggage on a cart, the system comprising:

- a scanning element for scanning pieces of luggage on a cart and outputting information relating to whether the cart or pieces of luggage comprise one or more predetermined substances or items,

- a receiving element for receiving the cart with the pieces of luggage and transporting the cart with the pieces of luggage to and past the scanning element,

wherein:

- the receiving element comprises a camera configured to provide an image of the cart with the pieces of luggage as well as of a person delivering the cart with the pieces of luggage to the receiving element, and
- the scanning element is configured to output the image, if the cart and/or pieces of luggage comprise one or more of the one or more predetermined substances or items.

2. A system according to claim 1, wherein the scanning element is configured to determine a position of the one or more predetermined substances or items and to indicate in the image the position of the one or more predetermined substances or items.

3. A system according to claim 1 or 2, wherein the cart comprises means for reading an identification document, deriving an identity of an owner of the pieces of luggage and forwarding the identity of the owner to the receiving element, the scanning element being configured to display the identity together with the image, if the cart and/or pieces of luggage comprise one or more of the one or more predetermined substances or items.

4. A system according to any of the preceding claims, wherein the cart comprises means for reading an identification document, deriving an identity of an owner of the pieces of luggage and forwarding the identity of the owner to the receiving element, the scanning element being configured to output or display the identity.

5. A method of scanning pieces of luggage on a cart, the method comprising the steps of:

- receiving a cart with pieces of luggage and transporting the cart with the pieces of luggage to and past a scanning element,

- providing an image of the cart with the pieces of luggage as well as of a person delivering the cart with the pieces of luggage to the receiving element,

- scanning, in the scanning element, the pieces of luggage on the cart and outputting information relating to whether the cart or pieces of luggage comprise one or more predetermined substances or items,

the scanning element outputting the image, if the cart and/or pieces of luggage comprise one or more of the one or more predetermined substances or items.

6. A method according to claim 5, further comprising the step of determining a position of the threat and indicating, in the image, the position of the one or more predetermined substances or items.

7. A method according to claim 5 or 6, further comprising the step of reading an identification document, deriving an identity of an owner of the pieces of luggage and forwarding the identity of the owner to the receiving element, the scanning element displaying the identity together with the image, if the cart and/or pieces of luggage comprise one or more predetermined substances or items.

8. A method according to any of claims 5-7, further comprising the step of reading an identification document, deriving an identity of an owner of the pieces of luggage and outputting or displaying an identity of the owner.