Claims

1. A target system for a shooting range, the system comprising:

a plurality of target trolleys for carrying respective target objects, each target trolley being spaced from and connected to each other via linkage rods at a predetermined distance;

a trolley support to which the plurality of target trolleys is mounted; and

a controller for moving the plurality of target trolleys on the trolley support to enable the respective target objects to be used as firing targets.; wherein the predetermined distance is adjustable.

~~2. The target system of claim 1, wherein the predetermined distance is fixed.~~

~~3. The target system of claim 1, wherein the predetermined distance is adjustable.~~

4~~2~~. The target system of claim 3~~1~~, wherein each linkage rod is telescopic.

5~~3~~. The target system of ~~any preceding~~ claim 1 or 2, wherein the trolley support has a linear arrangement.

6~~4~~. The target system of any preceding claim~~of claims 1 to 4~~, wherein the trolley support has a non-linear arrangement.

7~~5~~. The target system of claim 6~~4~~, wherein the non-linear arrangement includes a curved lengthwise arrangement.

8~~6~~. The target system of any preceding claim, wherein the trolley support has a generally I-shaped cross-section.

9~~7~~. The target system of any preceding claim, further comprising a plurality of secondary trolley supports coupled to the trolley support.

10~~8~~. The target system of claim 9~~7~~, wherein each secondary trolley support has a linear arrangement or a non-linear arrangement.

~~11~~9. The target system of any preceding claim, wherein each target trolley further comprises an adapter configured to support a target object and to move the target object between a target-up position for firing upon, and a target-down position which is not for firing upon.

~~12~~10. The target system of claim ~~11~~9, wherein the target objects are movable between the target-up and target-down positions during the collective movement of the plurality of target trolleys.

~~13~~11. The target system of any preceding claim, further comprising a second plurality of target trolleys and a second trolley support, wherein the second plurality of target trolleys are configured to be collectively driven on the second trolley support.

~~14~~12. The target system of any preceding claims, wherein the controller is configured to move the plurality of target trolleys collectively.

~~15~~13. A method of operating a target system of any preceding claim, the method comprises:

moving the plurality of target trolleys collectively on the trolley support.

~~16~~14. The method of claim ~~15~~13, further comprises moving the target objects between target-up positions for firing upon, and target-down positions which are not for firing upon during the collective movement of the plurality of target trolleys.

~~17~~15. The method of claim ~~15~~13 or ~~16~~14, further comprises adjusting the respective distances between each of the plurality of target trolleys.