CLAIMS

1. A bungy jump recovery device for retrieving a cord having one end portion coupled to a receiving device, the bungy jump recovery device comprising:

a coupling component having an opening configured to accommodate a portion of the cord for movement of the coupling component along the cord,

wherein at least a portion of the coupling component is adapted for magnetically coupling to at least a portion of the receiving device,

wherein the coupling component comprises a retrieving arrangement configured to facilitate movement of the coupling component in a direction toward an opposite end portion of the cord.

2. The bungy jump recovery device of claim 1, wherein the coupling component further comprises

a first member; and

a second member coupleable to the first member,

wherein the first member and the second member are arranged to move relative to each other between a closed configuration and an open configuration,

wherein in the closed configuration, the first member and the second member are arranged to move toward each other to form the opening to accommodate the portion of the cord;

wherein in the open configuration, the first member and the second member are arranged to move away from each other to receive or release the portion of the cord.

3. The bungy jump recovery device of claim 2, wherein the first member is arranged to pivot relative to the second member.

4. The bungy jump recovery device of claim 2 or 3, wherein the first member and the second member are further arranged to releasably secure to each other.

5. The bungy jump recovery device of any one of claim 2 to 4, wherein the coupling component further comprises a locking mechanism to releasably secure the first member and the second member in the closed configuration.

6. The bungy jump recovery device of any one of claims 2 to 5, wherein each of the first member and the second member comprises a non-metallic body.

7. The bungy jump recovery device of any one of claims 2 to 6, wherein each of the first member and the second member comprises a ferromagnetic element, wherein the respective ferromagnetic element is disposed on a surface of the first member and on a surface of the second member, wherein the respective surfaces are arranged to contact the receiving device.

8. The bungy jump recovery device of any one of claims 2 to 6, wherein each of the first member and the second member comprises a permanent magnet, wherein the respective permanent magnet is disposed on a surface of the first member and on a surface of the second member, wherein the respective surfaces are arranged to contact the receiving device.

9. The bungy jump recovery device of any one of claims 1 to 6, wherein the portion of the coupling component comprises a permanent magnet.

10. The bungy jump recovery device of claim 9, wherein the portion of the coupling component comprises a neodymium magnet.

11. The bungy jump recovery device of any one of claims 1 to 6, wherein the portion of the coupling component comprises a ferromagnetic element adapted for magnetic coupling to the portion of the receiving device.

12. The bungy jump recovery device of claim 11, wherein the portion of the coupling component comprises a steel plate.

13. The bungy jump recovery device of any one of claims 1 to 12, further comprising a guide arrangement coupled to the coupling component, wherein the guide arrangement is configured to guide the movement of the coupling component along the cord.

14. The bungy jump recovery device of claim 13, wherein the guide arrangement comprises a roller ball.

15. The bungy jump recovery device of any one of claims 1 to 14, wherein the retrieving arrangement comprises a ring configured to receive a retrieving rope.

16. A receiving device for receiving a bungy jump recovery device for retrieving a cord, the receiving device comprising:

a central core; and

a padding arrangement encasing at least part of the central core,

wherein at least a portion of the central core is adapted for magnetically coupling to at least a portion of the bungy jump recovery device,

wherein the receiving device is coupleable toward one end portion of the cord.

17. The receiving device of claim 16, wherein the central core comprises a permanent magnet.

18. The receiving device of claim 17, wherein the central core further comprises at least two spacers arranged across the permanent magnet for compensating movement of the bungy jump recovery device to provide a constant magnetic attraction between the bungy jump recovery device and the receiving device.

19. The receiving device of claim 16, wherein the central core comprises a ferromagnetic element adapted for magnetic coupling to the portion of the bungy jump recovery device.

20. The receiving device of any one of claims 16 to 19, wherein the central core further comprises an alignment element configured to facilitate an orientation of the receiving device relative to an orientation of the bungy jump recovery device for providing constant magnetic coupling therebetween.

21. The receiving device of claim 20, wherein the alignment element is arranged along a central axis of the receiving device.

22. The receiving device of any one of claims 16 to 21, wherein the padding arrangement comprises a first padding portion and a second padding portion, wherein the central core is arranged between the first padding portion and the second padding portion.

23. An apparatus for retrieving a cord, the apparatus comprising a bungy jump recovery device as claimed in any one of claims 1 to 15 and a receiving device as claimed in any one of claims 16 to 22.

24. A method of retrieving a cord having one end portion and an opposite end portion, the method comprising:

movably coupling a bungy jump recovery device to the opposite end portion of the cord;

moving the bungy jump recovery device to a receiving device at the one end portion of the cord and bringing the bungy jump recovery device into magnetic coupling with the receiving device; and

exerting a pulling force on a retrieving rope coupled to the bungy jump recovery device to retrieve the bungy jump recovery device along with the receiving device toward the opposite end portion of the cord.

25. The method of claim 24 further comprising:

prior to movably coupling the bungy jump recovery device to the opposite end portion of the cord, coupling the retrieving rope to a retrieving arrangement of the bungy jump recovery device.

26. The method of claim 24 or 25, wherein movably coupling the bungy jump recovery device to the opposite end portion of the cord comprises accommodating a portion of the cord within an opening of a coupling component of the bungy jump recovery device.

27. The method of claim 26,

wherein the coupling component further comprises a first member; and a second member coupleable to the first member, wherein the first member and the second member are arranged to move relative to each other between a closed configuration and an open configuration, wherein in the closed configuration, the first member and the second member are arranged to move toward each other to form the opening to accommodate the portion of the cord; wherein in the open configuration, the first member and the second member are arranged to move away from each other to receive or release the portion of the cord; and

wherein the method further comprises releasably securing the first member and the second member.

28. The method of claim 26 or 27, further comprising guiding the movement of the coupling component along the cord.