

CLAIMS

1. A life ~~preserver~~jacket, comprising:

a wearable device to be wound around a target site of a body of a wearer;

a floatation bag inflatable upon receiving a gas supply in a deflated state;

a coupler including a first fixer fixed to the wearable device and a second fixer fixed to the floatation bag, the coupler being configured to couple the wearable device and the floatation bag; and

a cover including a third fixer fixed to the wearable device, the cover accommodating the floatation bag in the deflated state,

wherein the coupler includes a first coupling belt and a second coupling belt,

the first coupling belt and the second coupling belt are attached to different portions of the floatation bag,

the first fixer and the second fixer are spaced apart by a coupling distance for the coupler,

the wearable device includes a coupler fixer to which the first fixer is fixed and a cover fixer to which the third fixer is fixed, and

the coupler fixer and the cover fixer are at different positions in the wearable device in a winding direction in which the wearable device is wound around the target site, and a distance between the coupler fixer and the cover is smaller than or equal to the coupling distance.

2. The life jacket according to claim 1, wherein

the floatation bag is a loop including a single discontinuous portion, and includes

a first float, in an inflated state, to be on one arm of the wearer,

a second float to be on the other arm of the wearer, and

a third float connecting the first float and the second float,

the first coupling belt couples the first float and the wearable device, and

the second coupling belt couples the second float and the wearable device.

3. The life jacket according to claim 2, wherein

the floatation bag includes a connector for bridging the discontinuous portion, and

the connector bridges the discontinuous portion by coupling the first coupling belt and the second coupling belt to thereby couple the first float and the second float.

4. A life jacket, comprising:

a wearable device to be wound around a target site of a body of a wearer;

a floatation bag inflatable upon receiving a gas supply in a deflated state;
a coupler including a first fixer fixed to the wearable device and a second fixer fixed to the floatation bag, the coupler being configured to couple the wearable device and the floatation bag; and
a cover including a third fixer fixed to the wearable device, the cover accommodating the floatation bag in the deflated state,
wherein the first fixer and the second fixer are spaced apart by a coupling distance for the coupler,
the wearable device includes a coupler fixer to which the first fixer is fixed and a cover fixer to which the third fixer is fixed,
the coupler fixer and the cover fixer are at different positions in the wearable device in a winding direction in which the wearable device is wound around the target site, and a distance between the coupler fixer and the cover is smaller than or equal to the coupling distance,
the target site includes left and right shoulders of the wearer,
the wearable device includes a pair of shoulder belts being strips, and
when the pair of shoulder belts are worn on the target site, the cover fixer is located at a back of the body of the wearer, and the coupler fixer is located at a front of the body of the wearer.

5. A life jacket, comprising:

a wearable device to be wound around a target site of a body of a wearer;
a floatation bag inflatable upon receiving a gas supply in a deflated state;
a coupler including a first fixer fixed to the wearable device and a second fixer fixed to the floatation bag, the coupler being configured to couple the wearable device and the floatation bag; and
a cover including a third fixer fixed to the wearable device, the cover accommodating the floatation bag in the deflated state,
wherein the first fixer and the second fixer are spaced apart by a coupling distance for the coupler,
the wearable device includes a coupler fixer to which the first fixer is fixed and a cover fixer to which the third fixer is fixed,
the coupler fixer and the cover fixer are at different positions in the wearable device in a winding direction in which the wearable device is wound around the target site, and a distance between the coupler fixer and the cover is smaller than or equal to the coupling distance, and

the life jacket further comprises:
a holder configured to hold the coupler in the winding direction along the
wearable device; and
a releaser configured to release holding of the coupler by the holder.

26. The life ~~preserver~~jacket according to any one of claims 1 to 4, further comprising:

a holder configured to hold the coupler in the winding direction along the wearable device;
and

a releaser configured to release holding of the coupler by the holder.

37. The life ~~preserver~~jacket according to ~~claim 1 or claim 2~~ any one of claims 1 to 5, wherein

when the wearable device is worn on the target site, the coupler fixer in the wearable device is located closer to a center in a width direction than the cover fixer in the wearable device at a front of the body of the wearer.

48. The life ~~preserver~~jacket according to any one of claims 1 to 35, further comprising:

a gas supplier configured to automatically supply gas into the floatation bag upon detecting an entry into water,

wherein the cover includes an outlet to release the floatation bag outside in response to the floatation bag in the deflated state being inflated.

59. The life ~~preserver~~jacket according to ~~any one of claims 1 to 4~~ claim 4 or claim 5, wherein

the floatation bag being inflated is wearable on the body of the wearer, is a loop including a discontinuous portion, and includes a connector bridging the discontinuous portion.

610. The life ~~preserver~~jacket according to any one of claims 1 to 53, wherein

the target site includes a waist or a trunk of the wearer,

the wearable device includes

a main part being a strip and to be wound around the target site, and

a buckle configured to engage and disengage joints in the main part wound around the

target site, and

when the wearable device is worn on the target site, the cover fixer is located at a side or a back of the body of the wearer, and the coupler fixer is located at a front of the body of the wearer between the buckle and the cover fixer.

~~7. The life preserver according to any one of claims 1 to 5, wherein
the target site includes left and right shoulders of the wearer,
the wearable device includes a pair of shoulder belts being strips, and
when the pair of shoulder belts are worn on the target site, the cover fixer is located at a back
of the body of the wearer, and the coupler fixer is located at a front of the body of the wearer.~~