CLAIMS

What is claimed is:

1. A body fluid collection device, comprising:

a fitting part, which is a sheet having an opening and has a first surface and a second surface;

an adhesive layer disposed on the first surface of the fitting part; and

a collection film having an edge with a circumference greater than a circumference of the opening of the fitting part and connected to the second surface of the fitting part in a manner of surrounding the opening of the fitting part;

wherein the body fluid collection device further comprises a drainage tube, wherein the collection film has a pocket structure, the pocket structure having a connecting hole and an open end defined by the edge of the collection film, and the drainage tube being connected to the connecting hole.

2. The body fluid collection device according to claim 1, wherein a joint of the edge of the collection film and the second surface of the fitting part has a width, an inner edge of the joint forms a connecting rim surrounding the opening, the connecting rim has a circumference greater than the circumference of the opening such that the fitting part is divided into an inner portion and an outer portion, the inner portion of the fitting part and the collection film constitute a storage space having the opening, and the storage space is capable of storing the body fluid of a user.

3. The body fluid collection device according to claim 1, wherein the collection film has a pocket structure, the pocket structure having an open end defined by the edge of the collection film.

4. The body fluid collection device according to claim 3, wherein the body fluid collection device further comprises:

a retaining part, which is a planar or radially curved sheet and is provided with at least one retaining part opening, an outer edge of the retaining part being connected to the outer side of the pocket structure close to the open end.

5. The body fluid collection device according to claim 1, wherein the collection film comprises:

an annular part, which is a planar or radially curved annular film, an outer edge of the annular part being the edge of the collection film; and

a pocket part having a pocket part open end, the pocket part open end being connected to an inner surface of the annular part,

wherein the pocket part open end of the pocket part has a circumference greater than the circumference of an inner edge of the annular part, and is connected to the inner surface of the annular part at a distance from the inner edge of the annular part.

6.. The body fluid collection device according to claim 1, wherein the collection film is a planar or curved elastic film.

7. The body fluid collection device according to any one of claims 1 to 5, wherein the edge of the collection film is connected to the second surface of the fitting part along a circle, an ellipse or a rounded regular polygon.

8.. The body fluid collection device according to claim 8, wherein the opening of the fitting part is located at the center of the circle, the ellipse or the rounded regular polygon.

9.. The body fluid collection device according to any one of claims 1 to 5, wherein the fitting part is a planar sheet or a curved sheet.

10. The body fluid collection device according to any one of claims 1 to 5, wherein the edge of the collection film is not in contact with an outer edge of the fitting part.

11. The body fluid collection device according to any one of claims 1 to 5, wherein the opening is located on a long symmetry axis of the fitting part, and distances between the opening and two outer edges of the fitting part on the long symmetry axis are not equal.

12. The body fluid collection device according to any one of claims 1 to 5, wherein the shape of the fitting part is a circle, an ellipse or a rounded polygon.

13. The body fluid collection device according to any one of claims 1 to 5, wherein an edge of the fitting part has a notch.

14. The body fluid collection device according to claim 13, wherein the notch is an arc shape notch.

15. The body fluid collection device according to any one of claims 1 to 5, wherein the body fluid collection device further comprises a structure holding part extending along the edge of the fitting part.

16. The body fluid collection device according to claim 15, wherein a part of an outer edge of the structure holding part is further extending outwards to form at least one fin protruding from the fitting part for the user to grip with fingers.

17. The body fluid collection device according to claim 15, wherein the body fluid collection device further comprises a gripping part having at least one point connected to the structure holding part and foldable to be flattened to the fitting part before use.

18. The body fluid collection device according to any one of claims 1 to 5, wherein the constituent material of the adhesive layer comprises a pressure-sensitive adhesive.

19. The body fluid collection device according to any one of claims 1 to 5, wherein the edge of the collection film and the fitting part are integrally formed so as to be connected.