CLAIMS

1. A blood collection device that collects blood from a donor into a blood bag by using negative pressure, the blood collection device comprising:

a housing;

a partition wall that partitions an inside of the housing into a first chamber and a second chamber located below the first chamber;

a tray that is provided in the first chamber and configured to dispose the blood bag;

a rocking mechanism that is provided in the second chamber and rocks the tray; and

an attachment/detachment portion that is provided in the rocking mechanism and formed so that the tray is capable of being attached and detached,

wherein an opening portion that interconnects the first chamber and the second chamber and into which the attachment/detachment portion is inserted is formed in the partition wall,

the blood collection device further includes a wall structure that prevents a foreign article from entering the second chamber from the first chamber through the opening portion,

a gap is formed between a peripheral wall portion forming the first chamber and the tray, and

the wall structure has a cover portion covering the gap from above.

2. The blood collection device according to claim 1, wherein the cover portion is formed in a frame shape along an outer shape of the tray.

3. The blood collection device according to claim 1 or 2, wherein the cover portion is located above the tray in a state where the tray is attached to the attachment/detachment portion.

4. The blood collection device according to claim 3, wherein the cover portion has flexibility.

5. The blood collection device according to any one of claims 1 to 4, further comprising a lid provided so as to be openable and closable in an upper portion of the housing,

wherein a seal portion that hermetically seals a portion between the lid and an upper end portion of the housing in a closed state of the lid is provided in the upper end portion of the housing, and

the cover portion extends inward from the seal portion.

6. The blood collection device according to any one of claims 1 to 5, wherein the wall structure includes a protruding wall portion that protrudes upward from the partition wall and prevents the foreign article that has entered the first chamber from entering the opening portion.

7. The blood collection device according to claim 6,

wherein the opening portion is located below the tray in a state where the tray is attached to the attachment/detachment portion, and

the protruding wall portion extends so as to surround the opening portion.