CLAIMS

1. A cell treatment apparatus comprising:

an isolator that has an inner space maintained in aseptic conditions and treats cells in the inner space;

a pass box that carries an article into the inside of the isolator, the article being used in treatment of cells in the inside of the isolator;

wherein the pass box includes a clean bench chamber and a decontamination chamber;

wherein the clean bench chamber has an opening and closing door, and decontaminates the article carried thereinto through an opening formed by opening the opening and closing door;

wherein the decontamination chamber has a decontamination capability and an inner space, and is able to carry the article from the clean bench chamber into the inner space of the decontamination chamber from the clean bench chamber and carry the article into the inside of the isolator;

wherein each of the isolator and the decontamination chamber includes an air supply unit that supplies air thereinto and an air exhaust unit that exhausts air therefrom to the outside; and

wherein the clean bench chamber includes only an air supply unit that supplies air thereinto.

2. The cell treatment apparatus according to claim 1,

wherein the clean bench chamber includes a decontamination chamber opening that is openable and closable to carry the article into the decontamination chamber therethrough,

wherein the decontamination chamber includes an isolator opening that is openable and closable to carry the article into the isolator therethrough, and

wherein air flows from the decontamination chamber into the clean bench chamber through the decontamination chamber opening during it is opened, or air flows from the isolator into the decontamination chamber

through the isolator opening during it is opened.

3. The cell treatment apparatus according to claim 1 or 2,

wherein the clean bench chamber includes a decontamination chamber opening that is openable and closable to carry the article into the decontamination chamber therethrough,

wherein the decontamination chamber includes an isolator opening that is openable and closable to carry the article into the isolator therethrough,

wherein the supply of air into the decontamination chamber is maintained, wherein the maintenance is during the isolator opening is closed and the decontamination chamber opening is opened, and

wherein air supplied into the decontamination chamber flows toward the clean bench chamber through the decontamination chamber opening by stopping the exhaust of air from the decontamination chamber to the outside or decreasing the amount of air exhausted from the decontamination chamber to the outside.

4. The cell treatment apparatus according to any one of claims 1 to 3,

wherein the clean bench chamber includes a decontamination chamber opening that is openable and closable to carry the article into the decontamination chamber therethrough,

wherein the decontamination chamber includes an isolator opening that is openable and closable to carry the article into the isolator therethrough,

wherein the exhaust of air from the isolator to the outside and the supply of air into the decontamination chamber are stopped or the amount of air exhausted from the isolator to the outside and the amount of air supplied into the decontamination chamber are decreased, wherein the stoppage or the decrease is during the decontamination chamber opening is closed and the isolator opening is opened, and

wherein air supplied into the isolator flows toward the decontamination chamber through the isolator opening by maintaining the supply of air into the

isolator and the exhaust of air from the decontamination chamber to the outside.

5. The cell treatment apparatus according to any one of claims 2 to 4, wherein each of the isolator opening and the decontamination chamber opening has such a height as to allow an article having a largest dimension among the articles to pass therethrough.