

CLAIM(S):

1. A biocontainer, comprising
a closed container comprising a bottom wall, a top wall, first and second opposing side walls, and third and fourth opposing side walls, the side walls being joined to the top wall and the bottom wall; and at least two ports;
wherein the biocontainer has a substantially rectangular cuboid form, and the biocontainer further comprises at least first and second brackets secured to the container, wherein the first and second brackets are releasably engageable with a platform suitable for supporting the biocontainer.
2. The biocontainer of claim 1, wherein further comprises at least third and fourth brackets secured to the container, wherein the third and fourth brackets are releasably engageable with a platform suitable for supporting the biocontainer.
3. The biocontainer of claim 1 or 2, wherein the first bracket is secured to the container near a joint between the top wall and the first side wall, and the second bracket is secured to the container near a joint between the top wall and the second opposing side wall.
4. The biocontainer of claim 3, further comprising a third bracket secured to the container near a joint between the bottom wall and the first side wall, and a fourth bracket secured to the container near a joint between the bottom wall and the second opposing side wall.
5. The biocontainer of any one of claims 1-3, further comprising brackets secured to the bottom wall of the container and/or secured to opposing side walls of the container.
6. The biocontainer of claim 2, wherein the first and third brackets are each secured to the container near or at a joint between the top wall and the first side wall, and near a joint between the bottom wall and the first side wall, and the second and fourth brackets are each secured to the container near a joint between the top wall and the second opposing side wall, and near a joint between the bottom wall and the second opposing side wall.

7. A method of processing a cell culture-containing fluid, the method comprising rocking a biocontainer comprising a substantially cuboid-shaped closed container on a platform along first and second substantially horizontal pivot axes that are perpendicular to one another, wherein the container contains at least a liquid culture medium and cells, and wherein biocontainer further comprises at least first and second brackets secured to the container.

8. The method of claim 7, wherein the biocontainer further comprises at least third and fourth brackets secured to the container, the brackets being engaged with the platform during rocking.

9. The method of claim 7 or 8, further comprising removing cell-containing liquid samples from the biocontainer.

10. The method of any one of claims 7-9, further comprising adjusting pH in the biocontainer.

11. The method of any one of claims 7-10, wherein the first horizontal pivot axis has a first rocking angle and the second horizontal pivot axis has a second rocking angle, wherein the first rocking angle differs from the second rocking angle.

12. The method of any one of claims 7-10, wherein the first horizontal pivot axis has a first rocking angle and the second horizontal pivot axis has a second rocking angle, wherein the first rocking angle is the same as the second rocking angle.

13. The method of claim 11, wherein the first rocking angle or the second rocking angle is in the range of from about 1 to about 15 degrees from horizontal.

14. The method of claim 12, wherein the first rocking angle and the second rocking angle are each in the range of from about 1 to about 15 degrees from horizontal.

15. The method of any one of claims 7-14, wherein the cell culture-containing fluid comprises animal cells.

16. The method of any one of claims 7-14, wherein the cell culture-containing fluid comprises microbial cells.

17. The method of any one of claims 7-14, wherein the cell culture-containing fluid comprises plant cells.
18. The method of any one of claims 7-17, further comprising draining at least some of the fluid from the biocontainer, releasing the engagement between the brackets and the platform, and removing the biocontainer from the platform.
19. A rockable platform for rocking a biocontainer comprising
a rockable platform suitable for receiving a substantially cuboid-shaped container, the container comprising at least a first bracket and a second bracket secured thereto, wherein the platform includes at least a first bracket engagement portion and a second bracket engagement portion.
20. The platform of claim 19, wherein the platform includes at least a third bracket engagement portion and a fourth bracket engagement portion, the third bracket engagement portion and the fourth bracket engagement portion being arranged to engage third and fourth brackets secured to the container.
21. The platform of claim 19 or 20, further comprising a heater for heating the biocontainer.
22. The platform of any one of claims 19-21, wherein the first bracket engagement portion comprises at least one slot for receiving the first bracket, and the second bracket engagement portion comprises at least one slot for receiving the second bracket.

CLAIMS

1. A biocontainer, comprising
a closed container comprising a bottom wall, a top wall, first and second opposing side walls, and third and fourth opposing side walls, the side walls being joined to the top wall and the bottom wall; and at least two ports;
wherein the biocontainer has a substantially rectangular cuboid form, and the biocontainer further comprises at least first, second, third, and fourth brackets secured to the closed container, wherein the first, second, third, and fourth brackets, each comprising two projections, such that each bracket has a pair of angled lugs, facing in opposing directions, that are releasably engageable with a platform suitable for supporting the biocontainer.
2. The biocontainer of claim 1, wherein the first bracket is secured to the container near a joint between the top wall and the first side wall, and the second bracket is secured to the container near a joint between the top wall and the second opposing side wall.
3. The biocontainer of claim 1, wherein the third bracket is secured to the container near a joint between the bottom wall and the first side wall, and the fourth bracket is secured to the container near a joint between the bottom wall and the second opposing side wall.
4. The biocontainer of claim 1, wherein the first and third brackets are each secured to the container near or at a joint between the top wall and the first side wall, and near a joint between the bottom wall and the first side wall, and the second and fourth brackets are each secured to the container near a joint between the top wall and the second opposing side wall, and near a joint between the bottom wall and the second opposing side wall.
5. A method of processing a cell culture-containing fluid using a biocontainer of any one of claims 1-4, the method comprising:
rocking the biocontainer comprising a substantially cuboid-shaped closed container on a platform along first and second substantially horizontal pivot axes that are perpendicular to one another, wherein the closed container contains at least a liquid culture medium and cells.

6. The method of claim 5, further comprising removing cell-containing liquid samples from the biocontainer.
7. The method of claim 5 or 6, further comprising adjusting pH in the biocontainer.
8. The method of any one of claims 5-7, wherein the first horizontal pivot axis has a first rocking angle and the second horizontal pivot axis has a second rocking angle, wherein the first rocking angle differs from the second rocking angle.
9. The method of any one of claims 5-8, wherein the first horizontal pivot axis has a first rocking angle and the second horizontal pivot axis has a second rocking angle, wherein the first rocking angle is the same as the second rocking angle.
10. The method of claim 8, wherein the first rocking angle or the second rocking angle is in the range of from about 1 to about 15 degrees from horizontal.
11. The method of claim 9, wherein the first rocking angle and the second rocking angle are each in the range of from about 1 to about 15 degrees from horizontal.
12. The method of any one of claims 5-11, wherein the cell culture-containing fluid comprises animal cells.
13. The method of any one of claims 5-11, wherein the cell culture-containing fluid comprises microbial cells.
14. The method of any one of claims 5-11, wherein the cell culture-containing fluid comprises plant cells.
15. The method of any one of claims 5-11, further comprising draining at least some of the fluid from the biocontainer, releasing the engagement between the brackets and the platform, and removing the biocontainer from the platform.
16. A rockable platform for rocking a biocontainer of any one of claims 1-4 comprising:

a rockable platform suitable for receiving a substantially cuboid-shaped container, wherein the platform includes at least a first bracket engagement portion, a second bracket engagement portion, a third bracket engagement portion, and a fourth bracket engagement portion, such that the first bracket engagement portion comprises at least one slot for receiving the first bracket, the second bracket engagement portion comprises at least one slot for receiving the second bracket, the third bracket engagement portion comprises at least one slot for receiving the third bracket, and the fourth bracket engagement portion comprises at least one slot for receiving the fourth bracket.

17. The platform of claim 16, further comprising a heater for heating the biocontainer.