

What is claimed is:

1. A shock absorbing device to protect cryogenically frozen biological material comprising:
an outer sleeve defining an interior volume and having an opening configured to pass
5 a biological material container into the interior volume; and
a foam sleeve in the interior volume, the foam sleeve having an opening and an interior cavity, the opening of the foam sleeve aligned with the opening of the outer sleeve to pass the biological material container into the interior cavity.
2. The shock absorbing device of claim 1, wherein the foam sleeve includes a reticulated
10 foam.
3. The shock absorbing device of claim 1, wherein the outer sleeve is comprised of a thin, flexible material.
4. The shock absorbing device of claim 1, wherein the foam sleeve lines an interior side of the outer sleeve.
- 15 5. The shock absorbing device of claim 1, wherein the outer sleeve and the foam sleeve are configured and sized to compress the biological material container.
6. The shock absorbing device of claim 1, wherein the outer sleeve includes a sealable flap.
7. The shock absorbing device of claim 1, wherein the biological material container
20 containing biological material includes a cassette.
8. The shock absorbing device of claim 1, wherein the biological material is a fluid.
9. The shock absorbing device of claim 1, further comprising a liquid-absorbing liner adjacent an inner surface of the foam sleeve.
- 25 10. The shock absorbing device of claim 1, wherein the outer sleeve includes an inner pouch enclosing the foam sleeve.

11. The shock absorbing device of claim 1, wherein the foam sleeve entirely encircles the interior cavity.
12. The shock absorbing device of claim 1, wherein the foam sleeve only partly encircles the interior cavity.
- 5 13. The shock absorbing device of claim 1, further comprising a hydrophilic liner between the interior cavity and the foam sleeve.
14. A shock absorbing device to protect cryogenically frozen biological material comprising:
 - a first layer having a first side and a second side;
 - 10 a foam layer having a first side and a second side, the first side of the foam layer adjacent and facing the second side of the first layer; and
 - a liner layer to retain the foam layer, the liner layer having a first side and a second side, the first side of the liner layer adjacent and facing the second side of the foam layer.
- 15 15. The shock absorbing device of claim 14, wherein the foam layer is reticulated.
16. The shock absorbing device of claim 14, further comprising a liquid-absorption layer between the foam layer and the liner layer and having a first side and a second side, the first side of the liquid-absorption layer adjacent and facing the second side of the foam layer.
- 20 17. The shock absorbing device of claim 14, wherein the first layer is annular and defines an interior volume, the first side of the first layer faces outward, and the second side of the liner layer faces inward and defines an interior cavity within the interior volume, the interior cavity configured to receive an inserted biological material storage container.
- 25 18. The shock absorbing device of claim 14, wherein the first layer includes an opening element configured to be opened to receive an inserted biological material storage container and closed to secure the inserted biological material storage container.

19. The shock absorbing device of claim 18, wherein the opening element is a sealable, openable, and re-sealable flap.
20. The shock absorbing device of claim 14, having a shape of a rectangular parallelepiped.
- 5 21. A shock absorbing device to protect cryogenically frozen biological material comprising:
- an outer sleeve defining an interior volume and having an opening configured to pass a biological material container into the interior volume; and
- a plurality of foam panels configured to be inserted into and removed from the interior
- 10 volume, each foam panel at least mostly enclosed in a panel-enclosing liner.
22. The shock absorbing device of claim 21, wherein the foam panels are connected.
23. The shock absorbing device of claim 21, wherein each foam panel is separately and entirely enclosed in a separate panel-enclosing liner.
24. The shock absorbing device of claim 21, wherein each foam panel is adjacent a liquid-
- 15 absorbing liner in the panel-enclosing liner.
25. The shock absorbing device of claim 21, wherein the outer sleeve includes a top flap configured to be folded onto an opposing wall, the top flap having a first tab and a second tab, the first tab and the second tab extending from opposite ends of the top flap and configured to remain free when the top flap is folded onto the opposing
- 20 wall.