

What is claimed is:

1. A storage system for storing a drug, the storage system comprising:
a container including an interior volume to accommodate at least one drug;
at least one passive cooling system disposed within the container, the at least one passive cooling system including a phase change material; and
an active cooling system operably coupled with the container and, when in an operational mode, adapted to maintain a desired temperature within the interior volume of the container;
2. The storage system of claim 1, wherein the phase change material is transitionable between a solid state and a liquid state.
3. The storage system of claim 2, wherein the phase change material is configured in the solid state prior to placing the at least one drug within the interior volume of the container.
4. The storage system of any one of claims 1-3, further comprising at least one drug container adapted to be disposed within the interior volume of the container, the at least one drug container being dimensioned to store the at least one drug.
5. The storage system of claim 4, wherein the at least one drug container includes a plurality of sidewalls, an upper surface, and a lower surface, wherein the at least one passive cooling system is operably coupled with at least one of the plurality of sidewalls, the upper surface, or the lower surface.
6. The storage system of claim 5, wherein the at least one passive cooling system is removably disposed within an opening formed in the at least one drug container.
7. The storage system of claim 5, wherein the at least one passive cooling system is removably disposed within a pocket formed in the at least one drug container.
8. The storage system of claim 7, wherein the pocket is formed on at least one of an interior surface of the at least one drug container or an exterior surface of the at least one drug container.
9. The storage system of any one of claims 5-8, wherein the at least one drug container further includes at least one of an expanded polystyrene member or a molded polyurethane member.
10. The storage system of any one of claims 1-9, wherein the storage system is further configured to transition to a passive cooling state whereby the at least one passive cooling system maintains a desired temperature within the interior volume of the container.
11. The storage system of any one of claims 1-10, further including an electrical connector operably coupled with the active cooling system to provide electrical power thereto.

12. A method of shipping a drug, the method comprising:
disposing at least one passive cooling system in a container having an interior volume, the at least one passive cooling system including a phase change material;
placing the drug in the interior volume of the container;
coupling an active cooling system with the container; and
transporting the shipping container to a different location.
13. The method of claim 12, wherein the phase change material is transitionable between a solid state and a liquid state.
14. The method of claim 13, wherein the phase change material is configured in the solid state prior to placing the at least one drug within the interior volume of the container.
15. The method of any one of claims 12-14, further comprising cooling, via the active cooling system, the container prior to placing the drug into the interior volume thereof.
16. The method of any one of claims 12-15, further comprising disposing at least one drug container within the interior volume of the container, the at least one drug container being dimensioned to store the at least one drug.
17. The method of claim 16, wherein the at least one drug container includes a plurality of sidewalls, an upper surface, and a lower surface, wherein the at least one passive cooling system is coupled with at least one of the plurality of sidewalls, the upper surface, or the lower surface.
18. The method of claim 17, wherein the step of coupling at least one passive cooling system with the at least one drug container includes removably disposing the at least one passive cooling system within an opening formed in the at least one drug container.
19. The method of claim 17, wherein the step of coupling at least one passive cooling system with the at least one drug container includes removably disposing the at least one passive cooling system within a pocket formed in the at least one drug container.
20. The method of claim 19, wherein the pocket is formed on at least one of an interior surface of the at least one drug container or an exterior surface of the at least one drug container.
21. The method of any one of claims 16-20, further including disposing at least one of an expanded polystyrene member or a molded polyurethane member in the at least one drug container.
22. The method of any one of claims 16-21, further comprising transitioning to a passive cooling state whereby the at least one passive cooling system maintains a desired temperature within the interior volume of the container.