Claims

1. Freshwater collector comprising:
   - a pail for collecting freshwater,
   - at least one float connected to the pail for supporting the pail on a water body, and
   - a tank for storing the freshwater,

   wherein the tank comprises a joint coupling the tank to the pail for draining the freshwater from the pail to the tank; and

   wherein the tank further comprises a balloon for storing the freshwater; and the balloon comprises a core cylinder for supporting the balloon.

2. Freshwater collector of Claim 1, wherein
   the pail comprises at least one slope for guiding flow of the freshwater on the pail.

3. Freshwater collector of Claim 1 or 2, wherein
   the pail comprises at least one rod at an edge of the pail for supporting the pail structurally.

~~4. Freshwater collector of Claim 3, wherein~~
~~the at least one rod is curved for enhancing its stiffness.~~

~~5. Freshwater collector of any of the preceding Claims, wherein~~
~~the pail comprises at least one regular shape.~~

4~~6~~. Freshwater collector of any of the preceding Claims, wherein
the pail comprises a sheet material for providing at least one freshwater collection area.

5~~7~~. Freshwater collector of any of the preceding Claims, wherein
the pail further comprises a filter for connecting to the water tank.

~~8. Freshwater collector of Claim 7, wherein~~
~~the filter comprises a mesh for blocking debris.~~

6~~9~~. Freshwater collector of any of the preceding Claims, wherein
the pail further comprises at least one rim area for forming an enclosure.

~~10. Freshwater collector of Claim 9, wherein~~
~~the at least one rim area is connected to the edge.~~

7~~11~~. Freshwater collector of any of the preceding Claims further comprising at least one connector for connecting the pail to other pails or freshwater collectors.

~~12~~8. Freshwater collector of any of the preceding Claims, wherein
the at least one float is connected to the edge.

~~13. Freshwater collector of Claim 11, wherein~~
~~the at least one float comprises a pole joined to a floater.~~

~~14~~9. Freshwater collector of any of the preceding Claims, wherein
the tank comprises a telescopic skin that is expandable to suit the amount of freshwater stored inside.

~~15~~10. Freshwater collector of any of Claim 1, wherein
the tank is configured to be detachably connected to the pail.

~~16~~11. Freshwater collector of Claim 1, wherein
the core cylinder comprises a perforated surface for permitting fluid communication through the core cylinder.

~~17~~12. Freshwater collector of Claim ~~16~~11, wherein
the core cylinder comprises a mesh in forming at least a portion of the perforated surface.

~~18~~13. Freshwater collector of any of the preceding Claims, wherein
the tank further comprises a funnel for connecting the tank to the pail.

~~19~~14. Freshwater collector of any of the preceding Claims, wherein
the tank further comprises a stem for connecting to a top side of the pail and for guiding the freshwater following from the top side into the tank.

~~20~~15. Freshwater collector of any of the preceding Claims, wherein
the tank comprises a tube for connecting to an underside of the pail and for guiding the freshwater from the underside into the tank.

~~21~~16. Freshwater collector of Claim ~~19~~14 and ~~20~~15, wherein
the stem and the tube enclose each other having a gap in-between.

~~22~~17. Freshwater collector of Claim ~~18~~13, wherein
the funnel comprises a mouth for connecting to the pail, the funnel comprising the stem, the tube or both.

~~23~~18. Freshwater collector of any of the preceding Claims further comprising
a pot that further comprises the pail, the at least one float or the tank,
wherein the joint is connected to the pot for draining the freshwater from the pot.

~~24. Freshwater collector of Claim 23 further comprising~~
~~a cap for covering the pot.~~

~~25. Freshwater collector of Claim 23 or 24 further comprising~~
~~a filer for preventing debris from entering or leaving the pot.~~

~~26. Freshwater collector of Claim 24 and 25, wherein~~
~~the filer is connected to a low position of the cap.~~

~~27~~19. Freshwater collector of any of the preceding Claims further comprising:
a water hose joint for connecting the freshwater collector to a pump.

~~28~~20. Freshwater collector of Claim ~~27~~19, wherein
the water hose joint is connected to the core cylinder for draining.

~~29~~21. Freshwater collector of Claim ~~27~~19 or ~~28~~20, wherein
the water hose joint comprises a multiway joint.

~~30~~22. Freshwater collector of any of the preceding Claims, wherein
at least one component of the freshwater collector have screw thread for detachably constructing the freshwater collector.

~~31~~23. Freshwater collector of any of the preceding Claims further comprising
a non-return valve connected to the pail for draining excess freshwater away from the pail.

~~32~~24. Freshwater collector of Claim 1, wherein
the pail comprises a transparent sheet material.

~~33~~25. Cluster of the freshwater collector according to any of the preceding Claims, the cluster comprising
two or more of the freshwater collectors of any of the preceding Claims,
wherein the two or more of the freshwater collectors are connected to together by the at least one connector for covering a water surface area.

~~34. Cluster of the freshwater collector according to Claim 27 and 31, wherein~~
~~at least one of the water hose joints is connected to a pump for draining the freshwater.~~