Claims

1. A reptile cage system, comprising:

~~a rectangular box having~~ a top side~~,~~;

a bottom side opposing the top side~~,~~;

a front side connecting the top and bottom sides;

a back side opposing the front side;

a right side connecting the front and back sides~~,~~; and

a left side opposing the right side,

wherein the top, bottom, front, back, right, and left sides define a rectangular box having a single compartment,

wherein the back, left, and right sides ~~and~~ are made of a solid sheet material having pre-formed fold lines separating the sides,

wherein the top and front sides are made of pieces of material separate from the single solid unitary sheet of material,

wherein the top side is attached to the solid sheet of material with adhesive and/or fasteners, and

wherein the front side is divided into a top portion and ~~optionally~~ a bottom portion, at least the top portion includes a first door hingedly connected to one of the left and right sides and securable to ~~the other~~ another of the left and right sides, the bottom portion includes a second door or a tray.

2. The reptile cage system of claim 1, wherein the solid sheet material is corrugated plastic.

~~3. The cage system of claims 1 or 2, wherein the bottom, back, left, and right sides are made from a single sheet of material.~~

~~4.~~3.The reptile cage system of any one of claims 1-~~3~~2, wherein the top side includes a perimeter frame and a mesh screen or clear plastic material filling ~~the~~ an area inside the frame.

~~5.~~4.The reptile cage system of any one of claims 1-2 and 4, wherein there is a plurality of boxes, the boxes ~~are~~ interconnected in vertical or horizontal relation.

~~6.~~5.The reptile cage system of ~~any one of claims 1-5~~ claim 4, wherein the frame is made of linearly extending aluminum profile sections connected ~~at the corners~~ by molded plastic joints to form corners of the top side.

~~7.~~6.The reptile cage system of any one of claims 1-2 and 4-6, wherein a catch assembly is slidably disposed along the bottom side to allow waste to be removed from the box.

~~8. The cage system of any one of claims 1-6, wherein a catch assembly is slidably disposed along the bottom side to allow waste to be removed from the box.~~

~~9.~~7.The reptile cage system of any one of claims 1-2 and 4-7~~8~~, wherein the bottom side is attached to flanges at ~~the bottom~~ bottoms of the back, left, and right sides.

~~10.~~8. The reptile cage system of any one of claims 1-2, 4-7, and 9, wherein the first door comprises a perimeter frame and a mesh screen or clear plastic material filling ~~the~~ an area inside the frame.

~~11.~~9. The reptile cage system of any one of claims 1-2, 4-7, and 9-10, wherein the first door is hingedly mounted to a rail assembly on the left or right side.

~~12.~~10. The reptile cage system of ~~any one of claims 1-11~~ claim 10, wherein the perimeter frame is made of linearly extending aluminum profile sections connected ~~at the corners~~ by molded joints to form corners of the first door.

~~13.~~11. The reptile cage system of any one of claims 1-3, 4-7 and 9-12, wherein a front edge of the bottom side comprises a lower profile attached thereto.

~~14.~~12. The reptile cage system of any one of claims 1-3, 4-7 and 9-13, wherein a divider profile attaches to rail assemblies on ~~the~~ front edges of the left and right sides.

~~15.~~13. The reptile cage system of any one of claims 1-3, 4-7 and 9-14, wherein the bottom portion comprises a second door or a tray.

~~16.~~14. The reptile cage system of any one of claims 1-3, 4-7 and 9-15, further comprising a center support assembly positioned to divide the rectangular box into left and right portions.

~~17.~~15. The reptile cage system of ~~any one of claims 1-16~~ claim 16, wherein the center support assembly comprises a front support, a back support parallel to the front support, a bottom support connecting bottom ends of the front and back support, and a top support connecting top ends of the front and back support,

wherein the back support is aligned vertically at ~~the~~ a center of the back side and extends from the top side to the bottom side, the bottom support extends from the back side to the front side, and the front support is aligned vertically at ~~the~~ a center of the front side and extends from the top side to the bottom side.

~~18.~~16. The reptile cage system of ~~any one of claims 1-17~~ claim 17, wherein the front support divides the front side into a left half and a right half, the first door is located on the left half and a second door is located on the right half.

~~19.~~17. The reptile cage system of any one of claims 1-3, 4-7 and 9-18, wherein the first door is hingedly mounted to a first rail assembly on the left side, and the second door is hingedly mounted to a second rail assembly on the right side.

~~20.~~18. The reptile cage system of any one of claims 1-3, 4-7 and 9-19, wherein the sheet material is corrugated plastic.

~~21.~~19. The reptile cage system of any one of claims 1-3, 4-7 and 9-20, wherein the sheet material comprises polypropylene.

~~22.~~20. The reptile cage system of any one of claims 1-3, 4-7 and 9-21, wherein a hinge assembly extends linearly between the top and bottom side and the first door is hingedly mounted to the hinge assembly.

~~23.~~21. The reptile cage system of any one of claims 1-3, 4-7 and 9-22, wherein the rectangular box is mounted to a rack assembly.

~~24.~~22. The reptile cage system of claim 23, wherein the rack assembly comprises a catch tray.

~~25.~~23. The reptile cage system of claim 24, wherein the catch tray comprises sloped surfaces to channel water to a drain hole and/or valve.

~~26.~~24. The reptile cage system of any one of claims 1-3, 4-7 and 9-25, wherein a bottom door is disposed below the first door, the bottom door hingedly secure to the side connected to the first door and securable to the side securing the first door.

~~27.~~25. The reptile cage system of any one of claims 1-3, 4-7 and 9-26, wherein the bottom side comprises a pan.

~~28.~~26. The reptile cage system of ~~anyone~~ of claim 27, wherein the pan is attached to the left, back, and/or right side.

~~29.~~27. A method for making ~~an animal~~ a reptile cage system, comprising the steps of:

a. providing a flat sheet of material cut to provide a left side, a back side and a right side of a rectangular box, the flat sheet has pre-formed fold lines separating the sides;

b. folding the flat sheet along the pre-formed fold lines to form the left, back, and right sides of the rectangular box, wherein the left and right sides oppose each other;

c. attaching ~~the~~ a bottom side to the folded sheet;

d. attaching a top side to the folded sheet, wherein the top side comprises a perimeter frame and a mesh screen or clear plastic material filling the area inside the frame and wherein the top side opposes the bottom side and is attached to the folded sheet with adhesive and/or fasteners;

e. attaching a divider profile to rail assemblies on the front edges of the left and right sides, the divider profile dividing the front side into a top portion and a bottom portion; ~~and~~

f. hingedly mounting a first door to one of the rail assemblies, the first door occupies ~~the~~ a top portion of ~~the~~ a front side, wherein the front side opposes the back side; and

g. providing a second door or a tray at a bottom portion of the front side.