Claims

1. An apparatus for planting a plant or a vegetable crop, the apparatus comprising:

(a) a first container having a base and an interior cavity;

(b) at least one planting receptacle for accommodating a planting medium;

(c) a plurality of support frames supporting the at least one planting receptacle, wherein the interior cavity is adapted for accommodating the at least one planting receptacle and the support frame, , the support frame is adapted to be disposed on the base of the first container and has a height, each support frame comprises a wicker disposed intermediate the first planting receptacle and the support frame;

and

(d) the first container and the at least one planting receptacle are adapted to be in fluid communication with each other such that when, in use, water contained in the first container travels to the planting receptacle via the wicker in each of the plurality of support frames, wherein a first portion of each wicker is in contact with the water,

wherein the first container comprises an outlet for allowing water to exit the first container, the outlet is positioned in the first container such that the level of water contained in the first container is maintained at a level lower than the height of the support frame.

2. The apparatus according to claim 1, wherein the support frame is a wire-mesh like structure.

3. The apparatus according to any one of the preceding claims, wherein the support frame has an inverted U-shaped profile such that the planting receptacle is placed on a surface of the support frame with two legs extending at opposite ends of the support frame for support.

4. The apparatus according to claim 3, wherein the wicker is placed on the surface of the support frame.

5. The apparatus according to any one of the preceding claims, wherein the outlet is disposed on the base of the first container and comprises a pipe extending into the interior cavity of the first container, the height of the pipe is shorter than the height of

the support frame so that the level of water in the first container is maintained at a level lower than the height of the support frame.

6. The apparatus according to claim 5, wherein the difference in height between the support frame and the pipe is between 5 to 30 mm.

7. The apparatus according to any one of claims 5 or 6, wherein the pipe comprises a bell siphon.

8. The apparatus according to any one of the preceding claims, further comprising a second container, wherein water that is allowed to exit the first container is discharged into the second container via the outlet.

9. The apparatus according to claim 8, wherein the second container further comprising an aerator for aerating water contained in the second container.

10. The apparatus according to claim 8, wherein the second container further comprising a pump for pumping water contained in the second container to the first container.

11. The apparatus according to claim 10, wherein the pump is in fluid communication with a conduit and the flow of water through the conduit and into the first container is controlled or regulated via the opening or closing of a tap.

12. The apparatus according to claim 11, further comprising a water tray disposed over or in the interior cavity of the first container and above the level of water contained in the first container, wherein the water tray is adapted to receive water from the conduit and discharge water into the interior cavity of the first container.

13. The apparatus according to claim 12, wherein the water tray has a gradient for allowing water to discharge into the interior cavity of the first container by gravity, the gradient is at an angle of between 5 to 30 degrees.

14. The apparatus according to any one of claims 12 or 13, further comprising a second planting receptacle disposed along a length of the water tray, the second planting receptacle is adapted for planting a plant or a vegetable crop that is different to that plant or vegetable crop planted in the first planting receptacle, wherein the second

planting receptacle comprises a wicker for transferring water in the water tray to the second planting receptacle.

15. The apparatus according to claim 14, further comprising a plurality of second planting receptacles along the length of the water tray.

16. The apparatus according to any one of the preceding claims further comprising a nutrient supply means for supplying nutrients to the first planting receptacle and/or the second planting receptacle, or the apparatus according to any one of claims 8 to 15 further comprising a nutrient supply means for supplying nutrients to the second container.

17. The apparatus according to claim 16, wherein the nutrient supply means for supplying nutrients to the second container is provided by aquatic organisms.

18. The apparatus according to any one of the preceding claims, wherein the planting receptacle is made of the same material as the wicker.

19. The apparatus according to any one of the preceding claims, wherein the support frame comprises at least one perforation and the wicker is disposed within the perforation.

20. The apparatus according to any one of the preceding claims, further comprising a planting frame adapted for disposing on the surface of the planting medium in the first planting receptacle, the planting frame comprises a plurality of notches for accommodating seeds or seedlings.

21. The apparatus according to any one of the preceding claims, further comprising a light source for providing light to the plant or vegetable crop planted in the first or second planting receptacle.