Claims

1. An object transport system comprising
a divider plate having an array of apertures; and

a plurality of dividers, each of said dividers comprising

an elongate throat connecting a head to a divider base,

wherein the divider base is arranged to be inserted into one of said apertures.

2. The system according to claim 1, wherein the dividers are positionable to collectively define an enclosure for said object.

3. The system according to claim 1, wherein the apertures are arranged in a close packed arrangement.

4. The system according to claim 1, wherein the divider is shaped to accommodate a close packed arrangement.

5. The system according to claim 1, wherein the divider base comprises an H-beam cross-section.

6. The system according to claim 1, wherein the divider base comprises a C-beam cross-section.

7. The system according to claim 1, wherein the divider base and apertures are cooperatively shaped for insertion using any one of: snap fit, bayonet fit, or screw fit.

8. The system according to claim 7, wherein the divider base includes a tab moveable between an extended position and a squeezed position.

9. The system according to claim 1, further comprising a divider removal device arranged to retract the tab in the squeezed position.

10. The system according to claim 1, wherein the divider has a head surrounded by a softer material.

11. The system according to claim 1, further comprising a column support.

12. The system according to claim 1, wherein the dividers are arranged to transfer load between dividers.

13. The system according to claim 3, wherein the arrangement is a hexagonal close packed arrangement.

14. The system according to claim 1, wherein the dividers are arranged in several layers.

15. A divider for insertion into a divider plate, the divider comprising

an elongate throat connecting a head to a divider base,

wherein the divider base is shaped to insert into an aperture on a divider plate.

16. The divider according to claim 15, wherein the divider is shaped to accommodate a close packed arrangement.

17. The divider according to claim 15, wherein the divider base comprises an C-beam cross-section.

18. A method of manipulating a divider within an aperture of a divider plate, said divider including a depressible tab on a divider base, the method comprising the steps of:

inserting the divider base into a neck of said aperture, said neck depressing the tab from an extended position to a squeezed position;

further inserting the divider base such that the divider base enters a void, the tab resiliently moving to an extended position within said void, and consequently locking said divider into said aperture.

19. The method according to claim 18, further including the steps of:

inserting a divider removal device into said void;

retracting said depressible tab to the squeezed position;

withdrawing said divider.