Claims

1. A suspension system for vertical suspension of an acoustic baffle, the suspension system comprising

a) a frame element;

b) a clip configured for connection to the frame element, wherein the clip comprises a body plate, one or more fastening elements for securing the clip to the frame element, and a first aperture, wherein the clip comprises at least two substantially planar legs joined to the body plate by an upwardly-angled joint such that the at least two substantially planar legs are parallel to the body plate, and wherein the at least two substantially planar legs each comprise a gripper for secure connection to an inverted T-profile;

c) a foldable tab comprising a second aperture.

2. The suspension system of claim 1, wherein the first aperture is threaded.

3. The suspension system of any preceding claim, wherein the foldable tab is a part of the frame element.

4. The suspension system of any of claims 1 to 3, wherein the one or more fastening elements comprise a resilient catch.

5. The suspension system of any of claims 1 to 3, wherein the one or more fastening elements comprise a tongue and slot.

6. The suspension system of any of claims 1 to 5, wherein the body plate of the clip comprises an upper part substantially parallel to a lower part, the upper part and lower part connected by a fold.

7. The suspension system of any of claims 1 to 6, wherein the frame element is a side profile comprising a flap that is foldable around an angle of 90° to an upper minor face of a suspended acoustic baffle.

8. A suspended ceiling comprising

a suspension system for vertical suspension of an acoustic baffle, the suspension system comprising

a) a frame element;

b) a clip configured for connection to the frame element, wherein the clip comprises a body plate, one or more fastening elements for securing the clip to the frame element, and a first aperture, wherein the clip comprises at least two substantially planar legs joined to the body plate by an upwardly-angled joint such that the at least two substantially planar legs are parallel to the body plate; and

c) a foldable tab comprising a second aperture; and

an acoustic baffle supported by a frame, the frame comprising two side profiles.

9. The suspended ceiling of claim 8, further comprising suspension means selected from a grid of beams, suspension wires, suspension rods, and hangers, wherein the suspension means are connectable to the suspension system.

10. The suspended ceiling of claim 9, wherein the suspension means comprises a C-shaped hanger, wherein the hanger comprises

a first substantially rectangular plate comprising a first elongate aperture,

a second substantially rectangular plate comprising a second elongate aperture and being joined at an edge to an edge of the first plate in a perpendicular relationship,

a third substantially rectangular plate comprising a third elongate aperture and being joined to at an edge to an edge of the first plate opposite to the edge of the first plate that is in connection with the second plate, such that the third plate and the first plate are in a perpendicular relationship, the second plate and the third plate are substantially parallel and face one another.

11. The suspended ceiling of claim 10, wherein a plate of the C-shaped hanger connects to the first aperture of the suspension system via a rod.

12. The suspended ceiling of claim 10, wherein the second plate of the C-shaped hanger is connectable to a soffit via a rod and wherein the third plate of the C-shaped hanger connects to the first aperture of each of two adjacent suspension systems via bolts.

13. The suspended ceiling of claim 10, wherein two adjacent acoustic baffles are provided, each acoustic baffle being supported by the suspension system, wherein the foldable tab of the clip of each suspension system is provided in an upstanding position, wherein the second elongate aperture of the C-shaped hanger is positioned in between and in alignment with the second aperture of each foldable tab and a bolt passes through all three apertures, wherein the first plate of the C-shaped hanger is connectable to a soffit by means of a bolt.

14. The suspended ceiling of claim 9, wherein the suspension means comprises a beam hanger connected to the first aperture of the clip by a bolt, wherein the beam hanger comprises a substantially rectangular first plate connected at opposing edges to a second plate and a third plate such that the second plate and third plate are substantially parallel and face each other, wherein each of the second and third plates comprises a tab that is connectable to a C-profile beam.

15. The suspended ceiling of claim 9, wherein the foldable tab of the clip is positioned so as to stand upright from the top of the acoustic baffle and wherein the suspension means comprise suspension wires or suspension rods in connection with the second aperture.

16. The suspended ceiling of claim 9, wherein two adjacent acoustic baffles are provided, each acoustic baffle being provided with a suspension system, wherein the suspension means comprises a suspension wire or rod and wherein a single suspension wire or suspension rod is connected to the second aperture of each of the two adjacent suspension systems.

17. The suspended ceiling of claim 9,

wherein the suspension means comprises a grid of beams having an inverted T-profile,

wherein a flange of the inverted T-profile is connectable to the suspension system in a gap between the legs and the frame element.

18. A clip for use in an acoustic baffle suspension system, the clip comprising a body plate,

wherein the clip comprises one or more fastening elements for securing the clip to a frame element,

wherein the clip comprises a first aperture,

wherein the clip comprises at least two legs joined to the body plate by an upwardly-angled joint such that the at least two legs are parallel to the body plate, and

wherein the at least two legs each comprise a gripper for secure connection to an inverted T-profile.