

We Claim:

1. A bottom plate structure of a vehicle seat, comprising:
a bottom plate which is provided on a vehicle body;
a reinforcement section, provided in the bottom plate,
5 which intersects with a width-wise center of the bottom plate,
at least a part of the reinforcement section being arranged
obliquely with respect to a front-to-back direction of the
vehicle seat as an oblique line; and

a plurality of mounting sections which are provided on
10 a back side of the bottom plate with spaces therebetween and
which are to be fixed to the vehicle body,
wherein

a cushion material is supported on an upper surface of
the bottom plate and a surface material covers the bottom plate
15 and the cushion material, and

the reinforcement section is arranged between the
plurality of mounting sections which are apart from each other.

2. The bottom plate structure of the vehicle seat
20 according to claim 1, wherein the reinforcement section is
arranged between the plurality of mounting sections so as to
connect the plurality of mounting sections.

3. The bottom plate structure of the vehicle seat
25 according to claim 1 or 2, wherein a part in the cushion material
where a passenger sits is between the plurality of mounting

sections.

4. The bottom plate structure of the vehicle seat according to any one of claims 1 to 3, wherein

5 a concave section is formed on an upper side of the bottom plate, and

a concave section is formed in the cushion material so as to face the concave section of the bottom plate.

10 5. The bottom plate structure of the vehicle seat according to any one of claims 1 to 4, wherein

the bottom plate further includes:

a plurality of reinforcement sections; and

an intersection formed by the plurality of

15 reinforcement sections intersecting with each other.

6. The bottom plate structure of the vehicle seat according to claim 5, wherein the intersection is arranged on the width-wise center of the bottom plate.

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7. The bottom plate structure of the vehicle seat according to claim 5 or 6, wherein the intersection is arranged avoiding a lowest position along the width-wise center of the vehicle seat in the front-to-back direction of the vehicle seat.

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8. The bottom plate structure of the vehicle seat

according to claim 5 or 6, wherein the intersection is arranged at a lowest position along the width-wise center of the vehicle seat in the front-to-back direction of the vehicle seat.

5 9. The bottom plate structure of the vehicle seat according to any one of claims 1 to 8, wherein the reinforcement section is formed so as to bulge at the back side of the bottom plate and so as to be recessed at the upper side of the bottom plate.

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 10. The bottom plate structure of the vehicle seat according to any one of claims 1 to 9, wherein

 the bottom plate further includes a rim reinforcement section provided along a periphery edge of the bottom plate,

15 and

 the reinforcement section and the rim reinforcement section are connected.

 11. The bottom plate structure of the vehicle seat
20 according to claim 10, wherein

 a mounting section which is provided at a front end part of the bottom plate among a plurality of mounting sections abuts a fuel tank of the vehicle body, and

 the periphery edge of the bottom plate where the rim
25 reinforcement section 14 is provided includes a front end rim of the bottom plate which is anterior to the mounting section

which abuts the fuel tank.

12. The bottom plate structure of the vehicle seat according to claim 10 or 11, wherein

5 the rim reinforcement section includes:

a main reinforcement section which is provided along a periphery edge of a part in the bottom plate corresponding to a position where a passenger sits; and

10 a step section which is provided along an entire periphery edge of the bottom plate including the main reinforcement section, an edge of the surface material being fixed to the set section, and

the step section includes a bent section which forms a difference in level and which is for positioning points to
15 fixate the edge of the surface material.

13. The bottom plate structure of the vehicle seat according to any one of claims 1 to 12, wherein the plurality of mounting sections include a plurality of outer mounting
20 sections which are provided along a periphery edge of the bottom plate and a central mounting section which is provided on the width-wise center of the bottom plate, the central mounting section being disposed more inside than the plurality of outer mounting sections, and

25 the reinforcement sections are arranged between the plurality of outer mounting sections and the central mounting

section.

14. The bottom plate structure of the vehicle seat according to any one of claims 1 to 13, wherein

5 the bottom plate further includes an engaging section which engages with the vehicle body, and

the reinforcement section and the engaging section are connected.

10 15. The bottom plate structure of the vehicle seat according to any one of claims 1 to 14, wherein the cushion material is formed so as to bend at a part other than an upper layer part.

15 16. The bottom plate structure of the vehicle seat according to claim 15, wherein the cushion material is formed so as to bend at a lowest layer part.

17. The bottom plate structure of the vehicle seat
20 according to claim 16 wherein the cushion material is densest as the lowest layer part.

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