CLAIMS

1. A lighting device including:

a light source;

a chassis including a bottom plate disposed on a side opposite to a light output side with respect to the light source and housing the light source;

a reflection sheet including a bottom portion disposed along the bottom plate and a rising portion rising from the bottom portion toward the light output side and reflecting light;

a spacer arranged between the bottom plate and the rising portion; and

a press member having a press surface pressing the rising portion from the light output side, wherein

the press member and the spacer have mounting structures with which the press member is mounted to the spacer by moving the press member in a direction along the rising portion and to held the press member to the spacer.

2. The lighting device according to claim 1, wherein the spacer has a wall-like shape rising from the bottom plate and arranged such that a thickness direction thereof aligned with the direction in which the press member is moved during mounting thereof to the spacer.

3. The lighting device according to claim 2, wherein the mounting structures include a mounting piece and a mounting hole, the mounting piece extending along the thickness direction of the spacer, the mounting hole being formed through the spacer in the thickness direction so as to receive the mounting piece.

4. The lighting device according to claim 3, wherein the mounting piece has a protruding portion held to an edge of the mounting hole.

5. The lighting device according to one of claims 3 and 4, wherein the mounting piece and the mounting hole are arranged parallel to the rising portion.

6. The lighting device according to any one of claims 1 to 5, wherein the direction in which the press member is moved during mounting thereof to the spacer is perpendicular to a direction from the bottom portion of the reflection sheet to the rising portion of the reflection sheet.

7. The lighting device according to any one of claims 1 to 6, wherein the spacer has a receiving surface configured to receive the rising portion from the side opposite to the light output side.

8. The lighting device according to any one of claims 1 to 7, wherein the rising portion has an insertion hole through which

one of the mounting structures is passed.

9. The lighting device according to any one of claims 1 to 8, further including an optical member disposed on the light output side with respect to the light source, wherein the press member includes a support portion having an axis across space in the chassis and supporting the optical member from the side opposite to the light output side.

10. The lighting device according to claim 9, wherein the rising portion and the press surface are arranged so as to intersect with an axial direction of the support portion and a direction perpendicular to the axial direction.

11. The lighting device according to claim 10, wherein the rising portion and the press surface are arranged such that an angle between the rising portion and the direction perpendicular to the axial direction and an angle between the press surface and the direction perpendicular to the axial direction are substantially equal.

12. The lighting device according to one of claims 10 and 11, wherein the angle between the rising portion and the direction perpendicular to the axial direction and the angle between the press surface and the direction perpendicular to the axial direction are acute angles.

13. The lighting device according to any one of claims 10 to 12, wherein the rising portion and the press surface are sloped.

14. The lighting device according to any one of claims 9 to 13, wherein the axial direction of the support portion is substantially perpendicular to a plate surface of the optical member.

15. The lighting device according to any one of claims 1 to 14, wherein the spacer has a wall-like shape rising from the bottom plate toward the light output side, and including a first spacer portion and a second spacer portion intersecting with each other in a planar view and connected to each other.

16. The lighting device according to any one of claims 1 to 15, wherein the press member is formed such that the press surface presses a part of the rising portion in the direction from the bottom portion to the rising portion.

17. The lighting device according to any one of claims 1 to 16, wherein:

the chassis has a side plate and a receiving plate, the side plate rising from an edge of the bottom plate toward the light output side, the receiving plate jutting outward from a distal end of the side plate; and

the reflection sheet has an extending portion extending from a distal end of the rising portion along the receiving plate.

18. The lighting device according to any one of claims 1 to 17, wherein the chassis includes a light source placement area where the light source is disposed and a light source non-placement area where the light source is not disposed.

19. The lighting device according to claim 18, wherein:

the chassis includes at least a first end portion, a second end portion positioned opposite to the first end portion, and a central portion between the first end portion and the second end portion; and

the light source placement area corresponds to the central portion, and the light source non-placement area corresponds to each of the first end portion and the second end portion.

20. The lighting device according to one of claims 18 and 19, wherein at least part of the bottom portion is disposed in the light source placement area, and at least part of the rising portion is disposed in the light source non-placement area.

21. The lighting device according to any one of claims 18 to 20, further including an optical member disposed at the light output side with respect to the light source, the optical member having a surface opposite the light source, the surface including

an area overlapping the light source placement area and an area overlapping the light source non-placement area, at least the surface being configured such that light reflectance of the area overlapping the light source non-placement area is hither than that of the area overlapping the light source placement area.

22. The lighting device according to claim 21, wherein at least the surface opposite the light source is configured such that the light reflectance decreases as a distance from the light source increases.

23. The lighting device according to any one of claims 1 to 22, wherein the press member has a surface in a white color.

24. The lighting device according to any one of claims 1 to 23, wherein the light source is a hot cathode tube.

25. The lighting device according to any one of claims 1 to 23, wherein the light source is a cold cathode tube.

26. The lighting device according to any one of claims 1 to 23, wherein the light source is an LED.

27. A display device including:

the lighting device according to any one of claims 1 to 26; and

a display panel configured to provide display using light from the lighting device.

28. The display device according to claim 27, wherein the display panel is a liquid crystal panel including liquid crystals sealed between a pair of substrates.

29. A television receiver including the display device according to one of claims 27 and 28.

30. A lighting device, a display device, or, a tel receiver, substantially as herein described with referenc accompanying drawings.

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1. A lighting device including:

a light source;

a chassis including a bottom plate disposed on a side opposite to a light output side with respect to the light source and housing the light source;

a reflection sheet including a bottom portion disposed along the bottom plate and a rising portion rising from the bottom portion toward the light output side and reflecting light;

a spacer arranged between the bottom plate and the rising portion; and

a press member having a press surface pressing the rising portion from the light output side, wherein

the press member and the spacer have mounting structures with which the press member is mounted to the spacer by moving the press member in a direction along the rising portion and to held the press member to the spacer.

2. The lighting device according to claim 1, wherein the spacer has a wall-like shape rising from the bottom plate and arranged such that a thickness direction thereof aligned with the direction in which the press member is moved during mounting thereof to the spacer.

3. The lighting device according to claim 2, wherein the mounting structures include a mounting piece and a mounting hole, the mounting piece extending along the thickness direction of the spacer, the mounting hole being formed through the spacer in the thickness direction so as to receive the mounting piece.

4. The lighting device according to claim 3, wherein the mounting piece has a protruding portion held to an edge of the mounting hole.

5. The lighting device according to one of claims 3 and 4, wherein the mounting piece and the mounting hole are arranged parallel to the rising portion.

6. The lighting device according to any one of claims 1 to 5, wherein the direction in which the press member is moved during mounting thereof to the spacer is perpendicular to a direction from the bottom portion of the reflection sheet to the rising portion of the reflection sheet.

7. The lighting device according to any one of claims 1 to 6, wherein the spacer has a receiving surface configured to receive the rising portion from the side opposite to the light output side.

8. The lighting device according to any one of claims 1 to 7, wherein the rising portion has an insertion hole through which

one of the mounting structures is passed.

9. The lighting device according to any one of claims 1 to 8, further including an optical member disposed on the light output side with respect to the light source, wherein the press member includes a support portion having an axis across space in the chassis and supporting the optical member from the side opposite to the light output side.

10. The lighting device according to claim 9, wherein the rising portion and the press surface are arranged so as to intersect with an axial direction of the support portion and a direction perpendicular to the axial direction.

11. The lighting device according to claim 10, wherein the rising portion and the press surface are arranged such that an angle between the rising portion and the direction perpendicular to the axial direction and an angle between the press surface and the direction perpendicular to the axial direction are substantially equal.

12. The lighting device according to one of claims 10 and 11, wherein the angle between the rising portion and the direction perpendicular to the axial direction and the angle between the press surface and the direction perpendicular to the axial direction are acute angles.

13. The lighting device according to any one of claims 10 to 12, wherein the rising portion and the press surface are sloped.

14. The lighting device according to any one of claims 9 to 13, wherein the axial direction of the support portion is substantially perpendicular to a plate surface of the optical member.

15. The lighting device according to any one of claims 1 to 14, wherein the spacer has a wall-like shape rising from the bottom plate toward the light output side, and including a first spacer portion and a second spacer portion intersecting with each other in a planar view and connected to each other.

16. The lighting device according to any one of claims 1 to 15, wherein the press member is formed such that the press surface presses a part of the rising portion in the direction from the bottom portion to the rising portion.

17. The lighting device according to any one of claims 1 to 16, wherein:

the chassis has a side plate and a receiving plate, the side plate rising from an edge of the bottom plate toward the light output side, the receiving plate jutting outward from a distal end of the side plate; and

the reflection sheet has an extending portion extending from a distal end of the rising portion along the receiving plate.

18. The lighting device according to any one of claims 1 to 17, wherein the chassis includes a light source placement area where the light source is disposed and a light source non-placement area where the light source is not disposed.

19. The lighting device according to claim 18, wherein:

the chassis includes at least a first end portion, a second end portion positioned opposite to the first end portion, and a central portion between the first end portion and the second end portion; and

the light source placement area corresponds to the central portion, and the light source non-placement area corresponds to each of the first end portion and the second end portion.

20. The lighting device according to one of claims 18 and 19, wherein at least part of the bottom portion is disposed in the light source placement area, and at least part of the rising portion is disposed in the light source non-placement area.

21. The lighting device according to any one of claims 18 to 20, further including an optical member disposed at the light output side with respect to the light source, the optical member having a surface opposite the light source, the surface including

an area overlapping the light source placement area and an area overlapping the light source non-placement area, at least the surface being configured such that light reflectance of the area overlapping the light source non-placement area is hither than that of the area overlapping the light source placement area.

22. The lighting device according to claim 21, wherein at least the surface opposite the light source is configured such that the light reflectance decreases as a distance from the light source increases.

23. The lighting device according to any one of claims 1 to 22, wherein the press member has a surface in a white color.

24. The lighting device according to any one of claims 1 to 23, wherein the light source is a hot cathode tube.

25. The lighting device according to any one of claims 1 to 23, wherein the light source is a cold cathode tube.

26. The lighting device according to any one of claims 1 to 23, wherein the light source is an LED.

27. A display device including:

the lighting device according to any one of claims 1 to 26; and

a display panel configured to provide display using light from the lighting device.

28. The display device according to claim 27, wherein the display panel is a liquid crystal panel including liquid crystals sealed between a pair of substrates.

29. A television receiver including the display device according to one of claims 27 and 28.