

APPENDIX A

CLAIMS APPENDIX FOR PROPOSED SUBSTITUTE CLAIMS

A. Marked up version of claims 27-34 showing amendments

Substitute Claims Showing Amendments
1527. A light emitting device comprising:
a light emitting element;
a resin package comprising <u>consisting of</u> a resin part and [[a]] <u>first and second metal leads</u> , the resin part including a thermosetting resin part including first and second metal plates , <u>and</u>
<u>wherein</u> said resin package having <u>has</u> four outer lateral surfaces and having <u>has</u> a concave portion having a bottom surface; and
<u>wherein</u> the light emitting element <u>is</u> mounted on the bottom surface of the concave portion and electrically connected to <u>the first and second metal leads</u> part ,
wherein, at each of the four outer lateral surfaces of the resin package, at least a portion of an outer lateral surface of the resin part and at least a portion of an outer lateral surface of <u>one or more of the first and second metal leads</u> part are coplanar at each of the four outer lateral surfaces of the resin package ,
<u>wherein the first metal lead is exposed at three outer lateral surfaces of the resin package</u> ,
wherein a notch is formed in <u>one or more of the first and second metal part leads</u> at each of the four outer lateral surfaces of the resin package,
wherein, at a first of the four outer lateral surfaces of the resin package, the resin part is located at left and right sides of a portion of the metal part <u>at least two of the four outer lateral surfaces of the resin package</u> <u>an exposed surface of the first metal lead</u> ,
<u>wherein, at a second of the four outer lateral surfaces of the resin package, the resin part is located at left and right sides of an exposed surface of the second metal lead, and</u>
wherein all upper edges of the <u>first and second metal part leads</u> are coplanar.

Substitute Claims Showing Amendments

1628. A light emitting device comprising:

a resin package comprising a resin part and a metal part ~~including at least two~~, said metal part consisting of first and second metal plates, said resin package having four outer lateral surfaces and having a concave portion having a bottom surface; ~~and~~

a light emitting element mounted on the bottom surface of the concave portion and electrically connected to the metal part, and

wherein at least a portion of an outer surface of the resin part and at least a portion of an outer surface of the metal part are coplanar at an outer bottom surface of the resin package,

wherein at least a portion of an outer lateral surface of the resin part and at least a portion of an outer lateral surface of the metal part are coplanar at each of the four outer lateral surfaces of the resin package,

wherein a notch is formed in the metal part at each of the four outer lateral surfaces of the resin package,

wherein, at a first of the four outer lateral surfaces of the resin package, portions of an outer lateral surface of the resin part is-are located above and at left and right sides of an exposed outer lateral surface of the first metal plate, a portion of the metal part at at least two of the four outer lateral surfaces of the resin package, and

wherein, at a second of the four outer lateral surfaces of the resin package, portions of an outer lateral surface of the resin part are located above and at left and right sides of an exposed outer lateral surface of the second metal plate,

wherein a lower surface of the metal part is exposed from the resin part in a region directly under the light emitting element,

wherein the portions of the outer lateral surface of the resin part that are located above and at left and right sides of the exposed outer lateral surface of the first metal plate are integrally formed and are coplanar with the exposed outer lateral surface of the first metal plate, and

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wherein the portions of the outer lateral surface of the resin part that are located above and at left and right sides of the exposed outer lateral surface of the second metal plate are integrally formed and are coplanar with the exposed outer lateral surface of the second metal plate.

1729. The light emitting device according to claim 2816, wherein the resin part is made using a thermosetting resin.

1830. The light emitting device according to claim 1628, wherein:

the first metal part plate has a first step portion, a concave portion, and/or a convex portion that is exposed on the outer lateral surface of the first metal plate on a first side of the resin package, and

the second metal plate has a second step portion that is exposed on the outer lateral surface of the second metal plate on a second side of the resin package.

1931. The light emitting device according to claim 1629,

wherein the light emitting device further comprises a sealing member that contains two or more kinds of phosphors,

wherein each of the first and second metal plates includes an etched concave portion on an upper surface of the respective metal plate,

wherein each of the first and second metal plates includes an etched concave portion on a bottom surface of the respective metal plate, and

wherein each of said etched concave portions is curved.

2132. The light emitting device according to claim 1628, wherein the metal part includes a base portion and a metal layer disposed on each of an upper surface and a lower surface of the base portion, the metal ~~layers~~layers being made of a material that is different from that of the base portion.

2233. The light emitting device according to claim 2132, wherein the metal layer is disposed at all surfaces of the metal part except an exposed outer lateral surface of the metal part.

2334. The light emitting device according to claim 2132, wherein:

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the resin part is disposed over a first portion of the metal layer at the upper surface of the metal part, and

a second portion of the metal layer on the upper surface of the metal part is exposed from the resin part.

B. Clean version of claims 27-34

Substitute Claims (Clean)	
27. A light emitting device comprising:	
a light emitting element;	
a resin package consisting of a resin part and first and second metal leads, the resin part including a thermosetting resin, and	
wherein said resin package has four outer lateral surfaces and has a concave portion having a bottom surface,	
wherein the light emitting element is mounted on the bottom surface of the concave portion and electrically connected to the first and second metal leads,	
wherein, at each of the four outer lateral surfaces of the resin package, at least a portion of an outer lateral surface of the resin part and at least a portion of an outer lateral surface of one or more of the first and second metal leads are coplanar,	
wherein the first metal lead is exposed at three outer lateral surfaces of the resin package,	
wherein a notch is formed in one or more of the first and second metal leads at each of the four outer lateral surfaces of the resin package,	
wherein, at a first of the four outer lateral surfaces of the resin package, the resin part is located at left and right sides of an exposed surface of the first metal lead,	
wherein, at a second of the four outer lateral surfaces of the resin package, the resin part is located at left and right sides of an exposed surface of the second metal lead, and	
wherein all upper edges of the first and second metal part leads are coplanar.	
28. A light emitting device comprising:	
a resin package comprising a resin part and a metal part, said metal part consisting of first and second metal plates, said resin package having four	

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