

U.S. Patent No. 7,168,842 (“’842 Patent”)

Accused Products

BOE products, including without limitation the BOE NV156FHM-T06 module supplied to Dell and included in the Dell Laptop (15" 3520), and all versions and variations thereof since the issuance of the asserted patent.

Each Accused Product infringes the claims in substantially the same way, and the evidence shown in this chart is similarly applicable to each Accused Product. Each claim limitation is literally infringed by each Accused Product. However, to the extent any claim limitation is not met literally, it is nonetheless met under the doctrine of equivalents because the differences between the claim limitation and each Accused Product would be insubstantial, and each Accused Product performs substantially the same function, in substantially the same way, to achieve the same result as the claimed invention. Notably, Defendant has not yet articulated which, if any, particular claim limitations it believes are not met by the Accused Products.

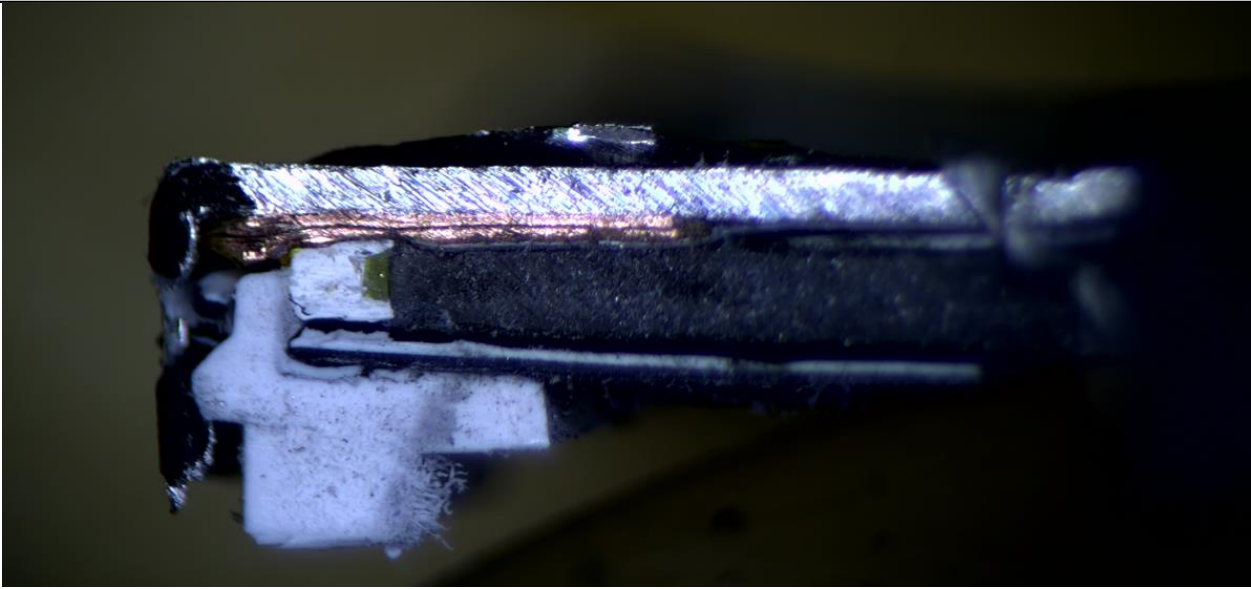
Claim 3

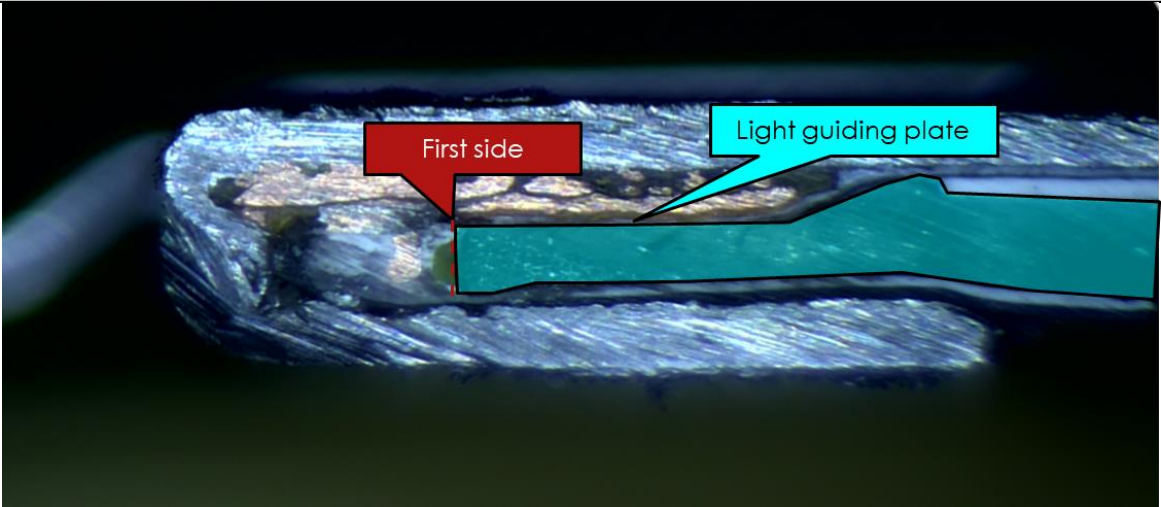
Claim 3	Accused Products
[3pre]. A backlight package comprising:	To the extent the preamble is limiting, each Accused Product comprises a backlight package as claimed. For example, the NV156FHM-T06 module comprises a backlight package. <i>See, e.g.:</i>

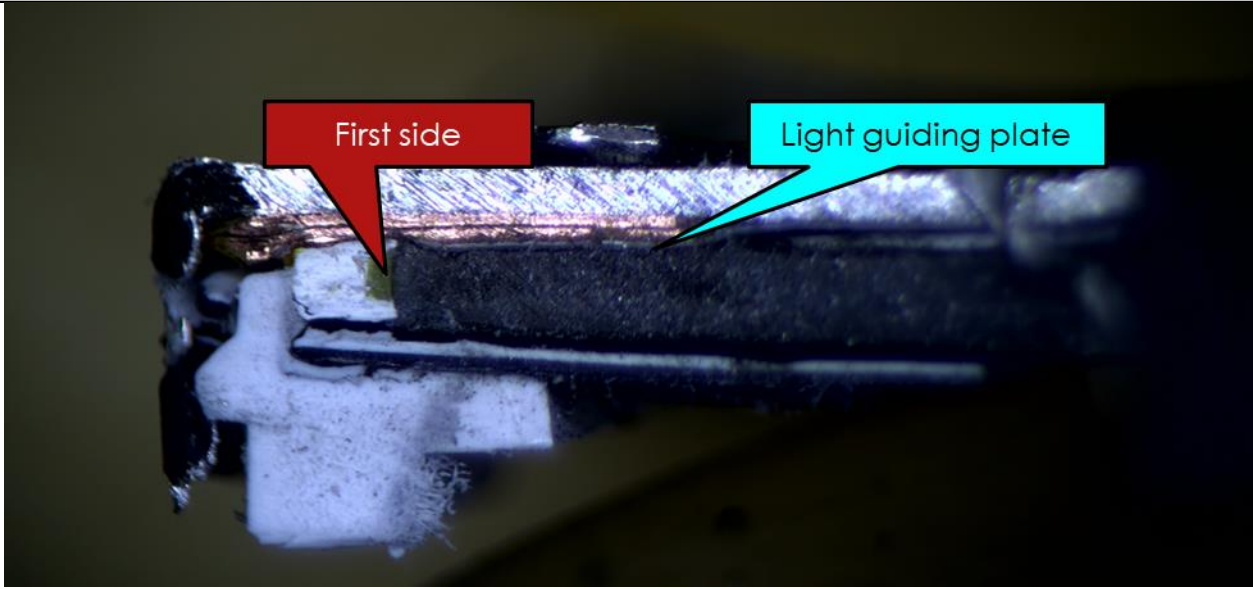
Claim 3	Accused Products
	 Photograph of Dell laptop.

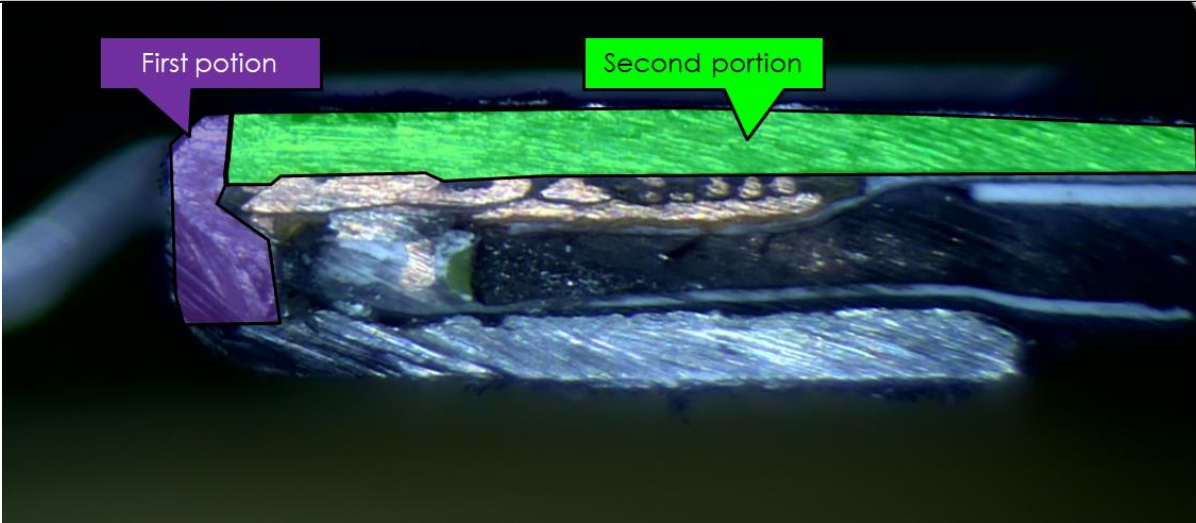
Claim 3	Accused Products
	A photograph of a rectangular display module with a white bezel and a large, blank white display area. The module is resting on a dark, textured surface. A green printed circuit board (PCB) is visible along the bottom edge, featuring various electronic components and connectors. A small label is affixed to the bottom left of the display area. Photograph of BOE display module. A close-up photograph of the label on the display module. The label is white with black text and markings. It includes the BOE logo, a QR code, a handwritten signature, and several alphanumeric codes. The text on the label reads: BOE, eco, RoHS Compliant, NV156FHM-T06, KKAF22889410002TB, CN-01C4CW-BOC00-28J-03FE-A00, and a barcode. Detail of BOE markings on display module.

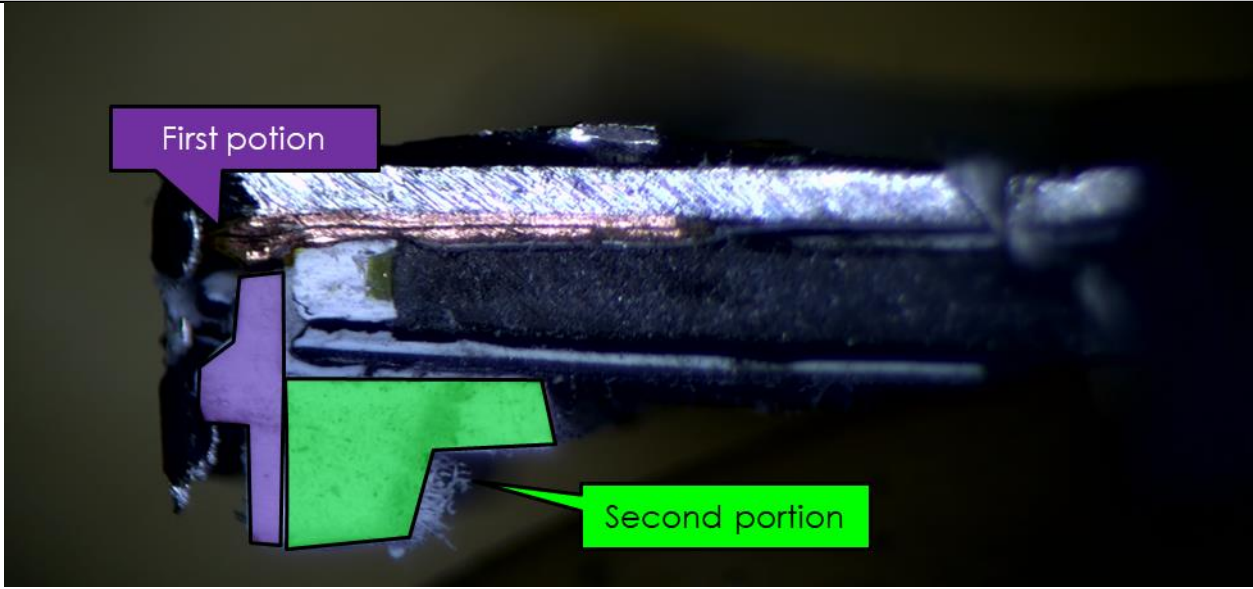
Claim 3	Accused Products
	 Cross-section photograph of BOE display module.

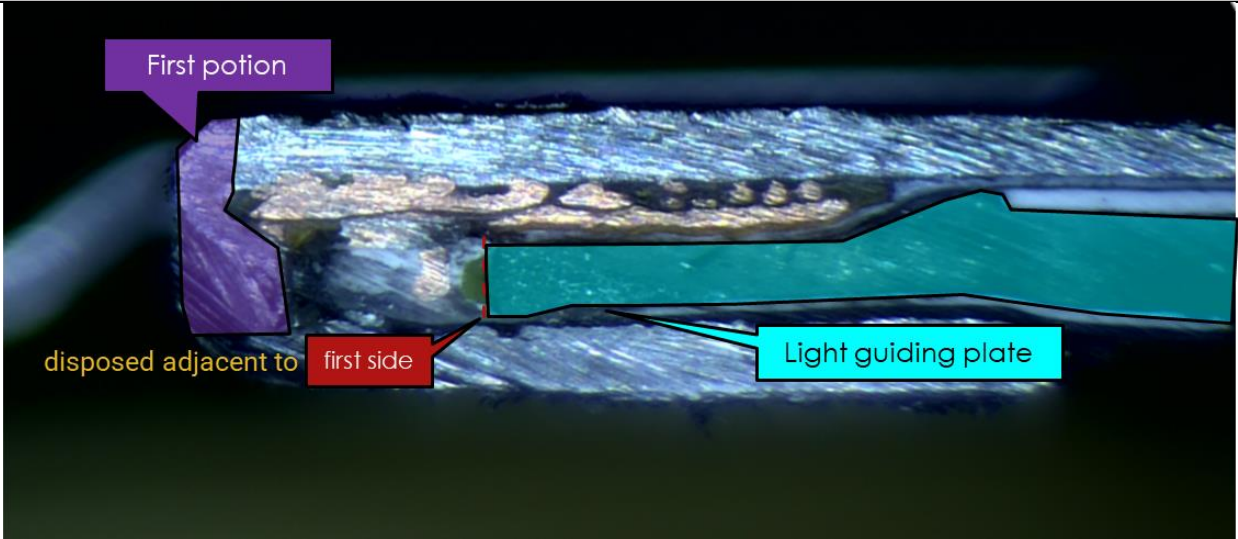
Claim 3	Accused Products
	 Cross-section photograph of BOE display module. <i>See also</i> individual limitations below.
[3a] a light guiding plate having a first side;	Each Accused Product comprises a light guiding plate having a first side. For example, the NV156FHM-T06 module includes a light guiding plate with a first side. <i>See, e.g.:</i>

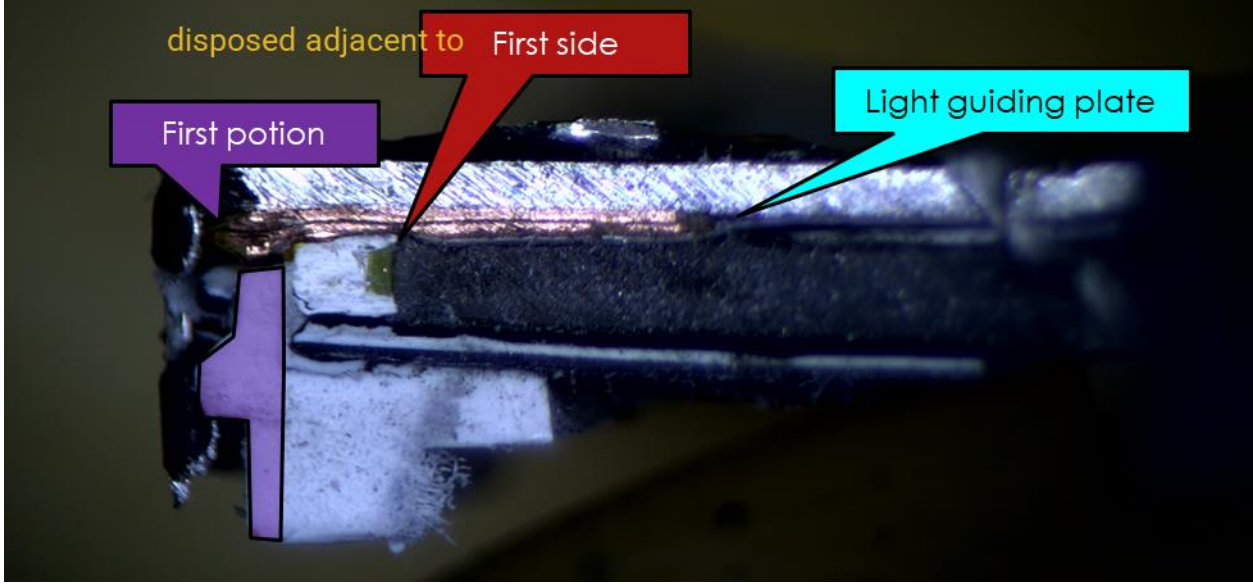
Claim 3	Accused Products
	 Annotated photograph of cross-sectioned NV156FHM-T06 module.

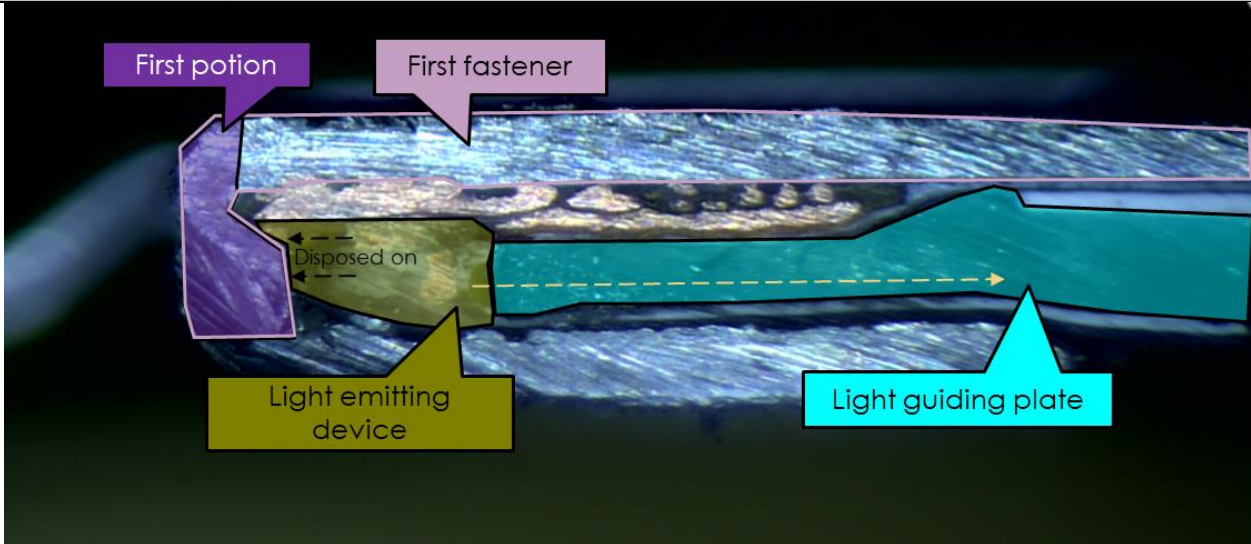
Claim 3	Accused Products
	 Annotated photograph of cross-sectioned NV156FHM-T06 module.
[3b] a first fastener having a first portion and a second portion, the first portion disposed adjacent to the first side of the light guiding plate, wherein the first portion and the second portion are arranged in a substantially perpendicular relationship to form a substantially L-shaped structure; and	Each Accused Product comprises a first fastener having a first portion and a second portion, the first portion disposed adjacent to the first side of the light guiding plate, wherein the first portion and the second portion are arranged in a substantially perpendicular relationship to form a substantially L-shaped structure. For example, the NV156FHM-T06 module includes an L-shaped metal backplate for holding the light guide, with a first portion extending along the first side of the light guiding plate and a perpendicular second portion disposed above the light guiding plate as shown in the images below. <i>See, e.g.:</i>

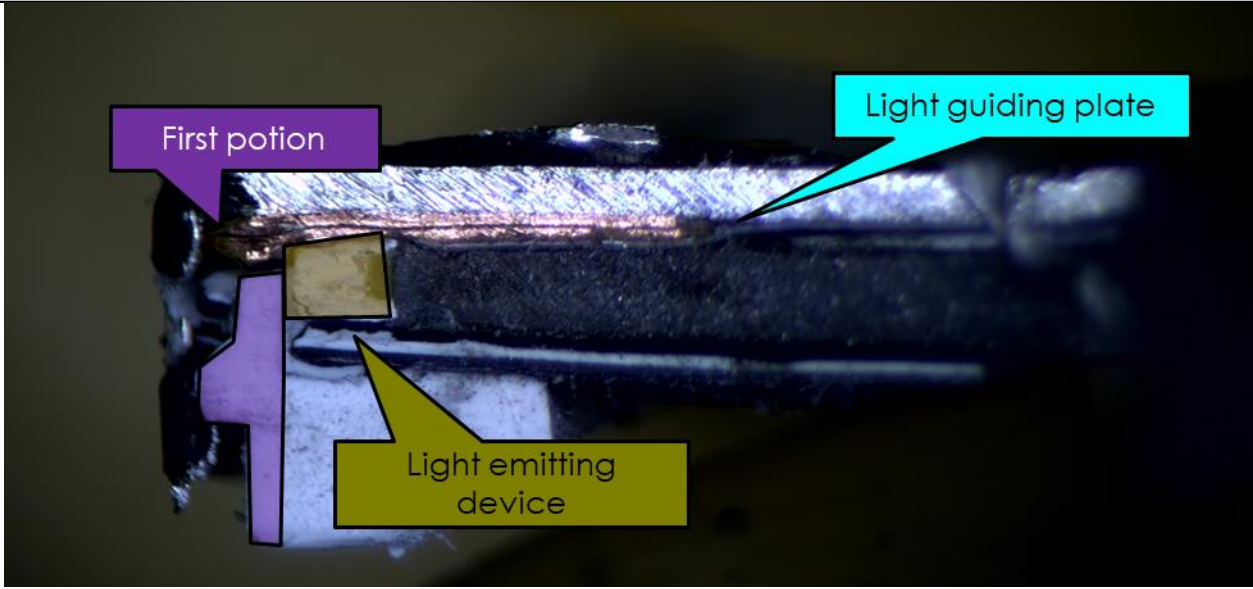
Claim 3	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the substantially L-shaped structure formed by the first and second portions of first fastener.

Claim 3	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the substantially L-shaped structure formed by the first and second portions of first fastener.

Claim 3	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the first portion disposed adjacent to the first side of the light guiding plate.

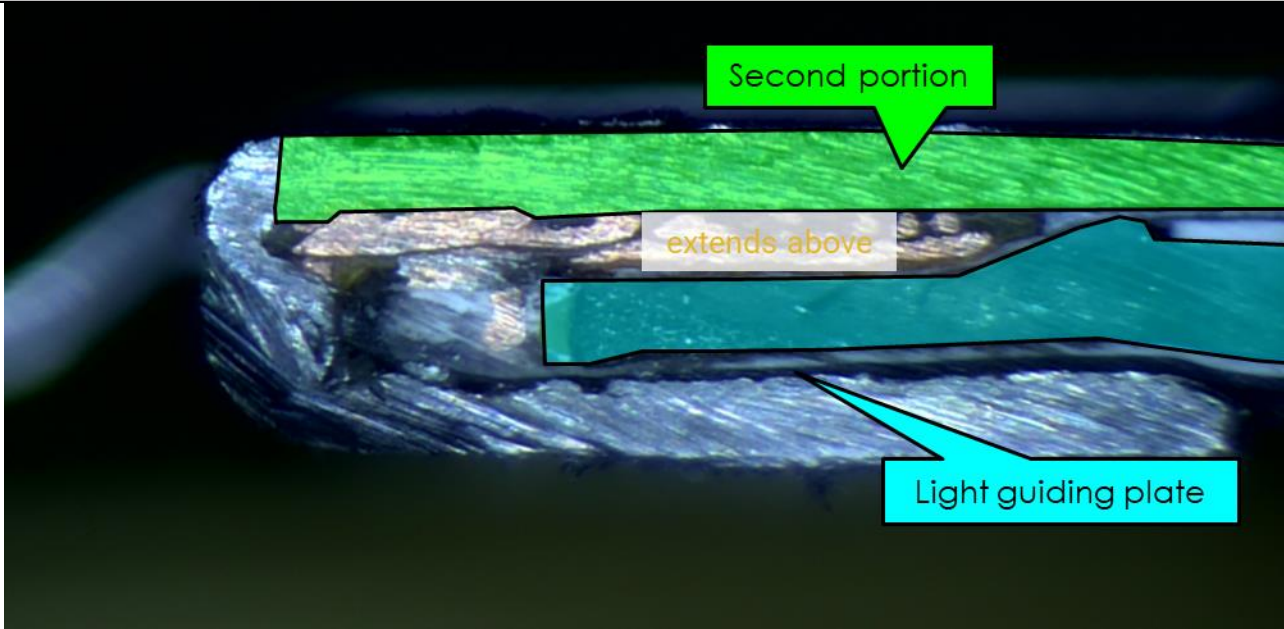
Claim 3	Accused Products
	 The photograph shows a close-up of a module with several callouts: 'disposed adjacent to' in yellow text, 'First side' in a red speech bubble, 'First portion' in a purple speech bubble, and 'Light guiding plate' in a cyan speech bubble. The module appears to be a light-emitting device with a dark, textured surface and a lighter, possibly metallic, edge. Annotated photograph of NV156FHM-T06 module showing the first portion disposed adjacent to the first side of the light guiding plate.
[3c] a light emitting device disposed on the first portion of the first fastener for emitting a light toward the light guiding plate.	Each Accused Product comprises a light emitting device disposed on the first portion of the first fastener for emitting a light toward the light guiding plate. For example, the NV156FHM-T06 module includes edge illumination LEDs for illuminating the BOE panel through the light guiding plate. <i>See, e.g.:</i>

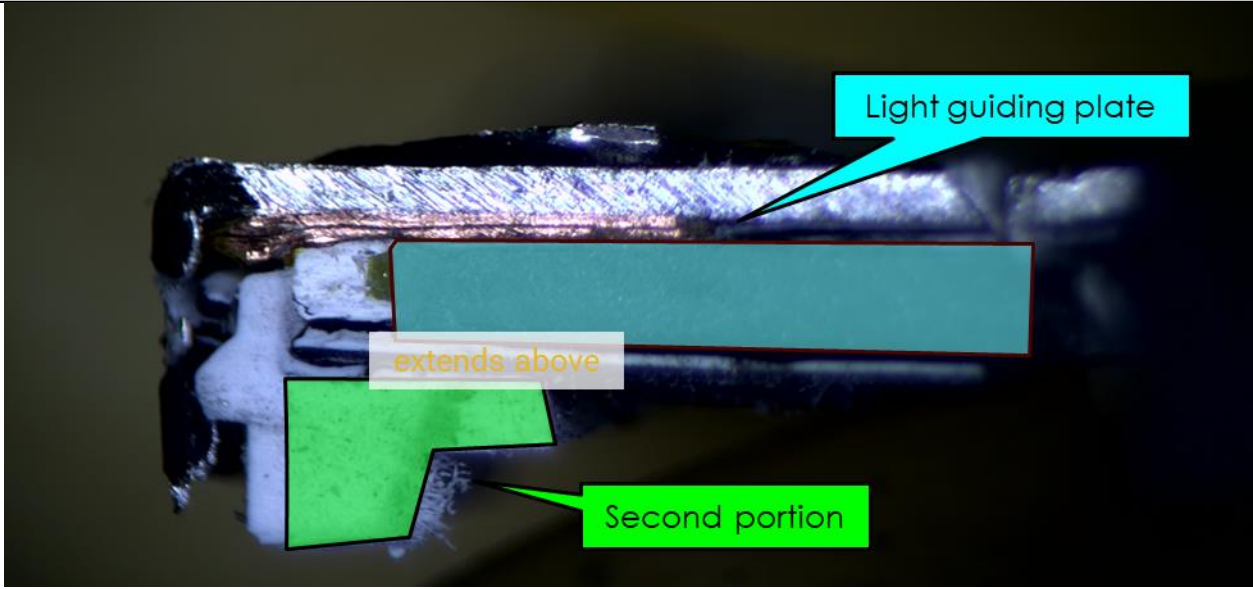
Claim 3	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the light emitting device disposed on the first portion and emitting light towards the light guiding plate.

Claim 3	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the light emitting device disposed on the first portion and emitting light towards the light guiding plate.

Claim 4

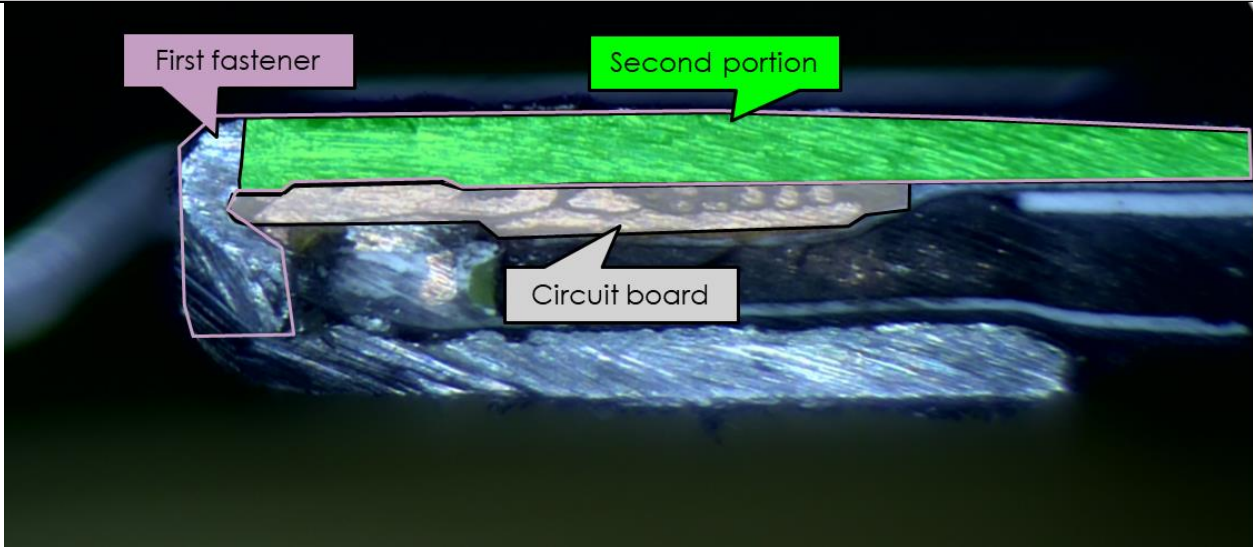
Claim 4	Accused Products
4. The backlight package as claimed in claim 3, wherein the second portion extends above the light guiding plate.	Each Accused Product comprises the backlight package as claimed in claim 3, wherein the second portion extends above the light guiding plate. <i>See, e.g.:</i>

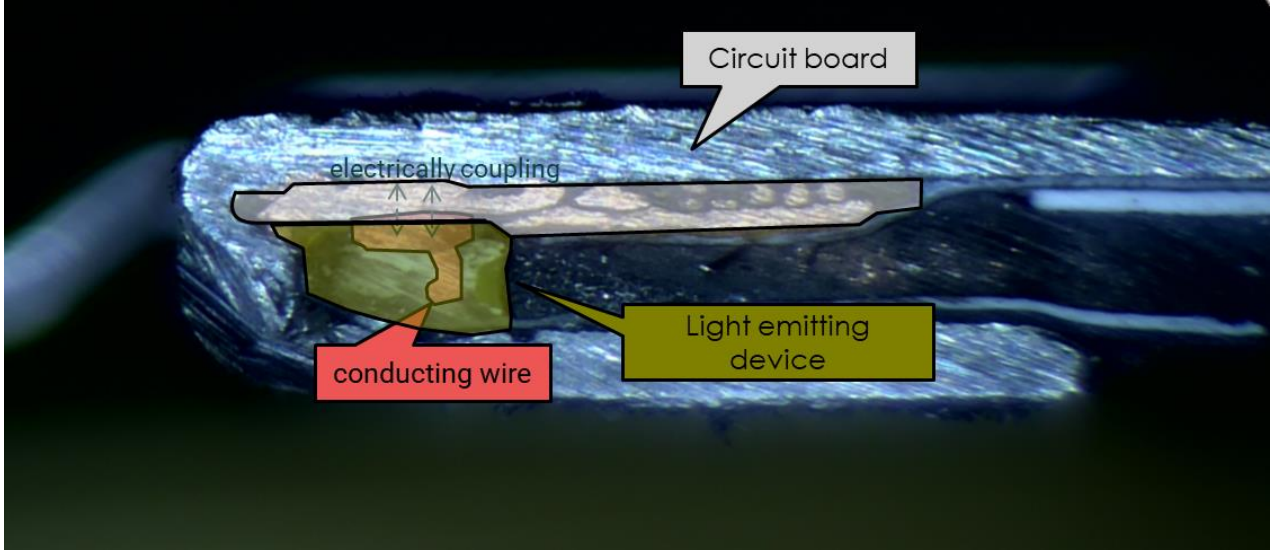
Claim 4	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the second portion extending above the light guiding plate.

Claim 4	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the second portion extending above the light guiding plate.

Claim 5

Claim 5	Accused Products
5. The backlight package as claimed in claim 3, further comprising a circuit board and a conducting wire, the circuit board connecting the second portion, and the conducting wire electrically coupling the light emitting device to the circuit board.	Each Accused Product comprises the backlight package as claimed in claim 3, further comprising a circuit board and a conducting wire, the circuit board connecting the second portion, and the conducting wire electrically coupling the light emitting device to the circuit board. <i>See, e.g.:</i>

Claim 5	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the circuit board connecting the second portion.

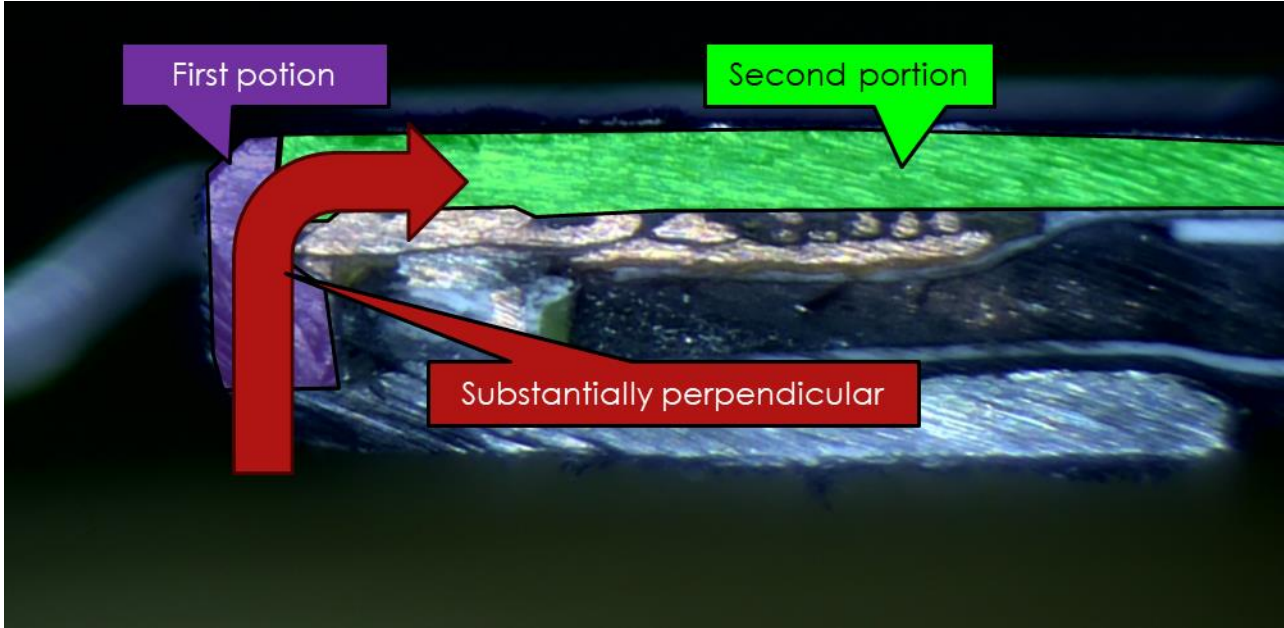
Claim 5	Accused Products
	 Annotated photograph of NV156FHM-T06 module showing the conducting wire electrically coupling the light emitting device to the circuit board.

Claim 7

Claim 7	Accused Products
[7pre] 7. A backlight package comprising:	To the extent the preamble is limiting, each Accused Product comprises a backlight package as claimed. See analysis and evidence for [3pre] above. See also individual limitations below.
[7a] a light guiding plate having a first side;	Each Accused Product comprises a light guiding plate having a first side. See analysis and evidence for [3a] above.

Claim 7	Accused Products
[7b] a first fastener having a first portion and a second portion, the first portion extending along the first side of the light guiding plate, and the second portion extending above the light guiding plate wherein the first portion and the second portion are arranged in a substantially perpendicular relationship to form a substantially L-shaped structure;	Each Accused Product comprises a first fastener having a first portion and a second portion, the first portion extending along the first side of the light guiding plate, and the second portion extending above the light guiding plate wherein the first portion and the second portion are arranged in a substantially perpendicular relationship to form a substantially L-shaped structure. See analysis and evidence for [3b] and claim 4 above.
[7c] a light emitting device disposed on the first portion of the first fastener for emitting a light toward the light guiding plate; and	Each Accused Product comprises a light emitting device disposed on the first portion of the first fastener for emitting a light toward the light guiding plate. See analysis and evidence for [3c] above.
[7d] a circuit board connecting the second portion of the first fastener; and	Each Accused Product comprises a circuit board connecting the second portion of the first fastener. See analysis and evidence for claim 5 above.
[7e] a conducting wire electrically coupling the light emitting device to the circuit board.	Each Accused Product comprises a conducting wire electrically coupling the light emitting device to the circuit board. See analysis and evidence for claim 5 above.

Claim 8

Claim 8	Accused Products
8. The backlight package as claimed in claim 7, wherein the first portion is substantially perpendicular to the second portion.	Each Accused Product comprises the backlight package as claimed in claim 7, wherein the first portion is substantially perpendicular to the second portion. <i>See, e.g.:</i>  Annotated photograph of NV156FHM-T06 module showing the first portion substantially perpendicular to second portion.