

U.S. Patent No. 7,226,801 (“’801 Patent”)

Accused Products

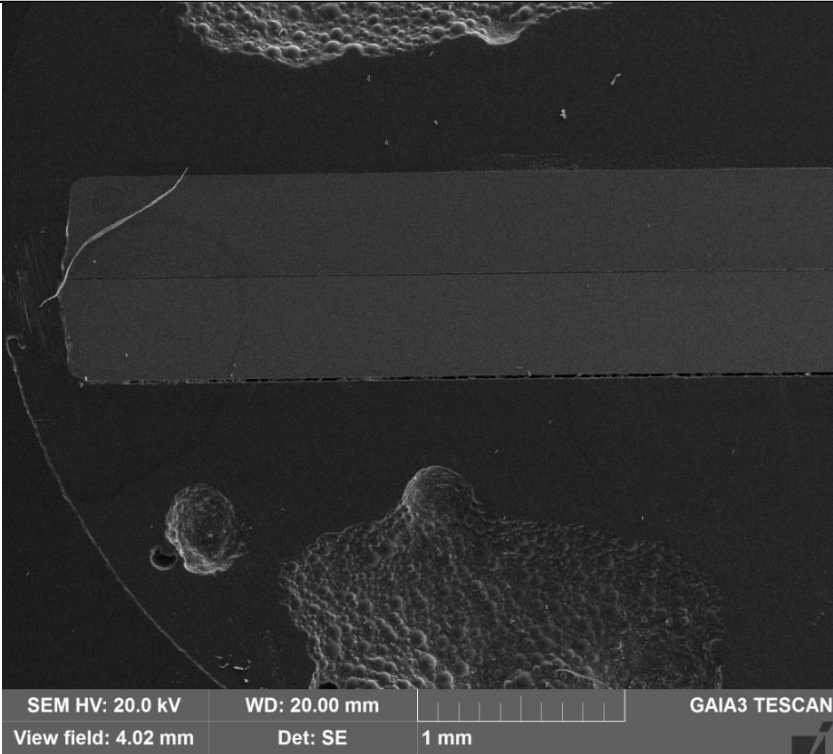
BOE products, including without limitation the BOE E88441 panel supplied to Hisense and included in the Hisense 75-Inch Class U8 Series 4K Mini-LED ULED Google TV, the BOE panel in the LG 75" Class NanoCell 90, the BOE panel in the Hisense - 75" Class A6 Series LED 4K UHD HDR Smart Google TV, and all versions and variations thereof since the issuance of the asserted patent.

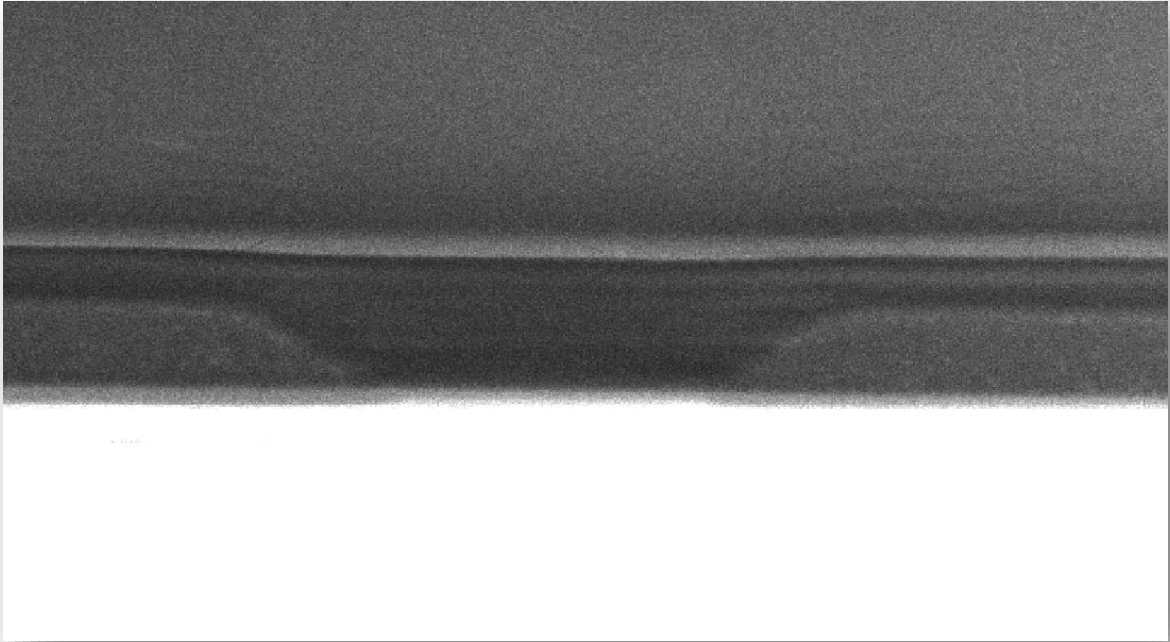
Each Accused Product infringes the claims in substantially the same way, and the evidence shown in this chart is similarly applicable to each Accused Product. Each claim limitation is literally infringed by each Accused Product. However, to the extent any claim limitation is not met literally, it is 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.

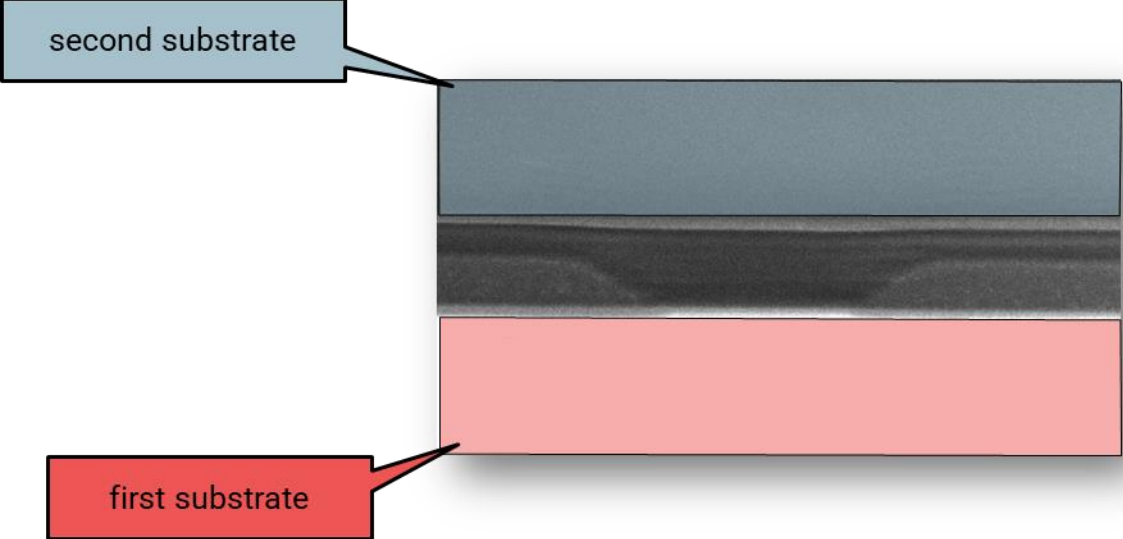
Claim 9

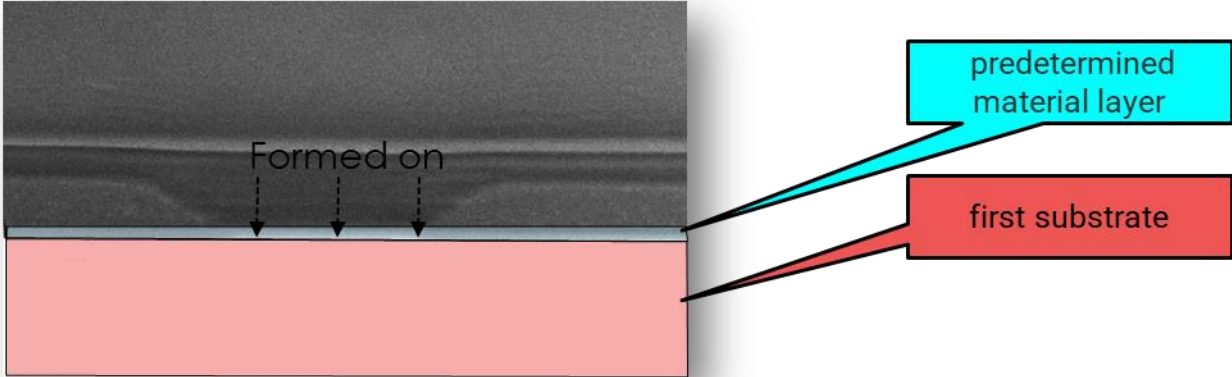
Claim 9	Accused Products
[9pre] A sealant region pattern for a liquid crystal display, comprising:	To the extent the preamble is limiting, each Accused Product comprises sealant region pattern for a liquid crystal display. For example, the BOE E88441 panel comprises a liquid crystal display with a sealant region pattern as shown below. <i>See, e.g.:</i>

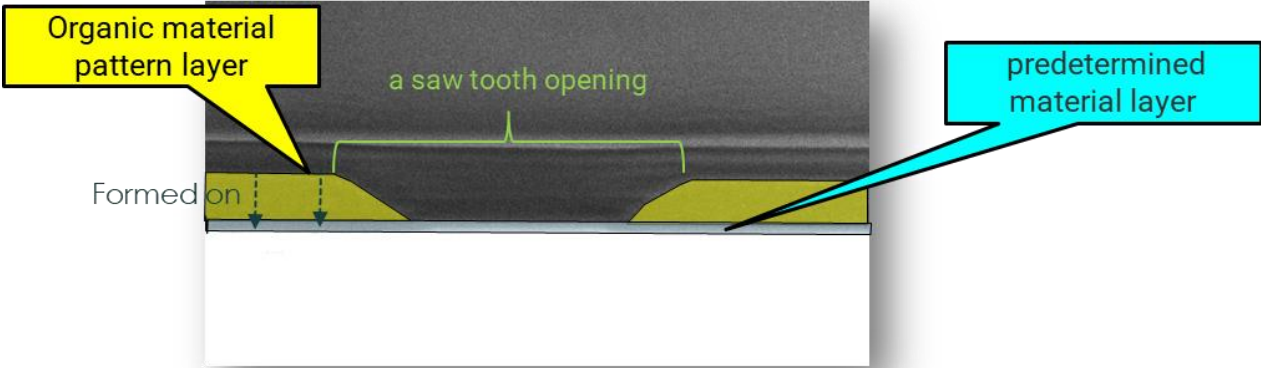
Claim 9	Accused Products
	A photograph of a Hisense television set. The screen displays the Hisense logo in the top left corner and the text 'MINI-LED ULED U8' in the bottom right corner. The background of the screen shows abstract, flowing, colorful patterns in shades of pink, purple, and blue. Publicity photo of Hisense 75-Inch Class U8 Series 4K Mini-LED ULED Google TV. A close-up photograph of a green printed circuit board (PCB) from a television panel. The board features a series of gold-colored pins along the top edge. White text is printed on the board, including 'RoHS BOE 12 tpts MV-0', 'E88441 94V-0 2252 15', and '243W2B'. Detail photograph of circuit associated with BOE E88441 panel from Hisense 75-Inch Class U8 Series 4K Mini-LED ULED Google TV.

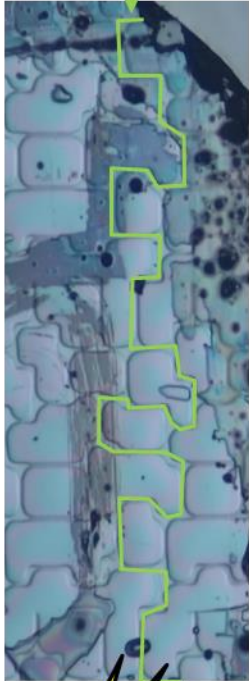
Claim 9	Accused Products
	 SEM cross-section view of BOE E88441 panel.

Claim 9	Accused Products
	 SEM cross-section image of sealant region of BOE E88441 panel. <i>See also</i> individual limitations below.
[9a] a first substrate and a second substrate opposite thereto;	Each Accused Product comprises a first substrate and a second substrate opposite thereto. For example, the BOE E88441 panel comprises a first substrate and second substrate, as shown in the SEM cross-sections below. <i>See, e.g.:</i>

Claim 9	Accused Products
	 second substrate first substrate Annotated SEM cross-section of sealant region of BOE E88441 panel showing first and second substrates.
[9b] a predetermined material layer formed on the first substrate; and	Each Accused Product comprises a predetermined material layer formed on the first substrate. For example, the BOE E88441 panel comprises a predetermined material layer formed on the first substrate, as shown below. <i>See, e.g.:</i>

Claim 9	Accused Products
	 Annotated SEM cross-section of sealant region of BOE E88441 panel showing predetermined material layer formed on first substrate.
[9c] an organic material pattern layer having a saw tooth opening formed on the predetermined material layer to expose the surface of the predetermined material layer underneath, wherein the surface of the predetermined material layer and the sidewall of the organic material pattern layer form a predetermined angle.	Each Accused Product comprises an organic material pattern layer having a saw tooth opening formed on the predetermined material layer to expose the surface of the predetermined material layer underneath, wherein the surface of the predetermined material layer and the sidewall of the organic material pattern layer form a predetermined angle. For example, the BOE E88441 panel has an organic material pattern layer comprising a high concentration of carbon and oxygen and forming a saw tooth pattern on the predetermined material layer. The angle between the sidewalls of the organic material pattern layer and the surface of the predetermined material layer form a predetermined angle. <i>See, e.g.:</i>

Claim 9	Accused Products
	 Annotated SEM cross-section of sealant region of BOE E88441 panel showing organic material pattern layer formed on the predetermined material layer.

Claim 9	Accused Products
	a saw tooth opening  Organic material pattern layer Optical image of sealant region of BOE E88441 panel (plan view) showing saw tooth opening.

Claim 9	Accused Products
	Annotated SEM cross-section of sealant region of BOE E88441 panel showing sidewall of organic material pattern layer forming a predetermined angle from the surface of the predetermined material layer.

Claim 10

Claim 10	Accused Products
10. The sealant region of claim 9, wherein the predetermined angle is less than about 60 degree.	Each Accused Product comprises the sealant region of claim 9, wherein the predetermined angle is less than about 60 degree. <i>See, e.g.:</i>

Claim 10	Accused Products
	Organic material pattern layer The image is a cross-sectional SEM micrograph of a sealant region. It shows a dark grey top layer, a yellowish-green middle layer, and a light blue bottom layer. A red dashed line indicates the 'surface' of the sealant. A green bracket above the sealant is labeled 'a saw tooth opening'. A pink line along the side of the sealant is labeled 'sidewall'. A blue line at the bottom of the sealant is labeled 'a predetermined angle'. A yellow callout box points to the yellowish-green layer, and a cyan callout box points to the light blue layer. predetermined material layer SEM image Annotated SEM cross-section of sealant region of BOE E88441 panel showing the predetermined angle of less than about 60 degrees