

# ***Solas OLED Ltd. v. Samsung Display***

2:19-cv-152


April 7, 2020

## **Defendants' Claim Construction Pres**

# U.S. Patent No. 9,25

# “configured to wrap around one or more edges of a display.”

1. An apparatus comprising:  
 a substantially flexible substrate  
 a touch sensor disposed on the substrate, the touch sensor comprising electrodes made of flexible conductive material configured to bend with the substrate wherein:  
 the flexible conductive material electrodes comprises first and second conductive lines that electrically contact each other in a first section to form a mesh grid on the substantially flexible substrate, the first and second conductive lines are configured to wrap around one or more edges of a display.



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(12) **United States Patent**  
**Yilmaz et al.**

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 (45) Date of Patent: **Feb. 9, 2016**

(54) **FLEXIBLE TOUCH SENSOR**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 269 days.

(21) Appl. No.: **13/284,674**

(22) Filed: **Oct. 28, 2011**

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(51) **Int. Cl.**  
*G01R 27/26* (2006.01)  
*G06F 3/041* (2006.01)  
*G06F 3/0354* (2013.01)  
*G06F 3/044* (2006.01)  
*G01R 1/073* (2006.01)  
*G01R 31/28* (2006.01)

(52) **U.S. Cl.**  
 CPC ..... *G06F 3/041* (2013.01); *G06F 3/0354\** (2013.01); *G06F 3/044* (2013.01); *G01R 1/0735* (2013.01); *G01R 31/2889* (2013.01); *G06F 2203/0339* (2013.01); *G06F 2203/0412* (2013.01)

(58) **Field of Classification Search**  
 CPC ..... *G06F 3/044*; *G06F 2203/0339*; *G06F 2203/0412*; *G06F 3/0354\**; *G01R 1/0735*; *G01R 31/2889*  
 USPC ..... 324/654, 658, 663; 345/173-175  
 See application file for complete search history.

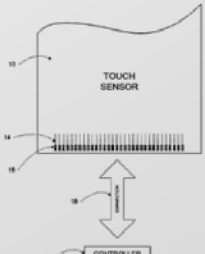
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(57) **ABSTRACT**  
 In one embodiment, an apparatus include a substantially flexible substrate and a touch sensor disposed on the substantially flexible substrate. The touch sensor comprising drive or sense electrodes made of flexible conductive material configured to bend with the substantially flexible substrate.

**20 Claims, 7 Drawing Sheets**



**“configured to wrap around one or more edges of a**

<b>Defendants’ Construction</b>	<b>Plaintiff’s</b>
“wrapped around one or more line segments where two surfaces of a display intersect”	No construction

**Disputed Issue**

- 1. Should the term “edge” be given its plain and ordinary meaning found in dictionaries, of a line where two distinct surfaces**

## Defendants' proposed construction represents meaning of "edge" for three-dimensi

**edge** [MATH] 1. A line along which two plane faces of a solid intersect. 2. A line segment connecting nodes or vertices in a graph (a geometric representation of the relation among situations). Also known as arc. {ej}

**edge** ► n. 1 t  
surface. ■ an  
side of a bla  
quality or fa  
rivals: *his ca*  
along which  
with a bord  
3 (usu. *edg*  
4 give an in  
ball) with t

Defendants' Exhibit 12:  
McGraw-Hill Dictionary of  
Scientific and Technical Terms

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