

**UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF TEXAS
WACO DIVISION**

SOLAS OLED LTD., an Irish corporation,

Plaintiff,

v.

LG DISPLAY CO., LTD., a Korean corporation; LG ELECTRONICS, INC., a Korean corporation; and SONY CORPORATION, a Japanese corporation,

Defendants.

CASE NO. 6:19-CV-00236-ADA

JURY TRIAL DEMANDED

DEFENDANTS' OPENING CLAIM CONSTRUCTION BRIEF

TABLE OF CONTENTS

	<u>Page</u>
I. INTRODUCTION	1
II. TECHNOLOGY BACKGROUND	1
A. Current and Voltage	2
B. Thin Film Transistors.....	3
C. Circuit Diagrams and Symbols	4
D. Using Voltage to Control Luminance	4
III. U.S. PATENT NO. 7,907,137	5
A. “a gradation current having a current value” (claims 10, 36).....	5
B. “gradation signal” (claims 10, 15, 36, 37, 39)	9
C. “generates, as the gradation signal, a non-light emitting display voltage having a predetermined voltage value” (claims 15, 39)	9
D. “through a data line ... through the data line ... through the data line” (claims 10, 36)	11
E. “before” (claim 10) and “after” (claim 36).....	12
IV. U.S. PATENT NO. 7,432,891	14
A. “current measuring” (claims 1, 3).....	14
B. “a third thin film transistor which during driving its gate ...” (claims 1, 3).....	16
C. “wherein all above mentioned elements of the driving circuit are located at a same side of said light emitting diode” (claim 3)	19
V. U.S. PATENT NO. 7,573,068	20
A. “formed on said plurality of supply lines along said plurality of supply lines” (claim 1) / “connected to said plurality of supply lines along said plurality of supply lines” (claim 13)	21
B. “patterned together” (claims 1 and 13)	24
C. “signal lines” (claims 1 and 13).....	27
D. “feed interconnections” (claims 1, 10, 12, 13, 17).....	28
VI. CONCLUSION.....	30

TABLE OF AUTHORITIES**Page(s)****CASES**

<i>3Com Corp. v. D-Link Sys., Inc.</i> , 473 F. Supp. 2d 1001 (N.D. Cal. 2007)	18
<i>In re Affinity Labs of Texas, LLC</i> , 856 F.3d 902 (Fed. Cir. 2017), <i>cert. denied sub nom. Affinity Labs of Texas, LLC v. Iancu</i> , 138 S. Ct. 1692 (2018).....	17, 18
<i>Alloc, Inc. v. Int’l Trade Comm’n</i> , 342 F.3d 1361 (Fed. Cir. 2003).....	30
<i>Bell Atl. Network Servs., Inc. v. Covad Commc’ns Grp., Inc.</i> , 262 F.3d 1258 (Fed. Cir. 2001).....	16
<i>CAE Screenplates, Inc. v. Heinrich Fiedler GmbH & Co. KG</i> , 224 F.3d 1308 (Fed. Cir. 2000).....	6, 15, 27, 28
<i>Cave Consulting Grp., LLC v. OptumInsight, Inc.</i> , 725 F. App’x 988 (Fed. Cir. 2018)	8
<i>Computer Docking Station Corp. v. Dell, Inc.</i> , 519 F.3d 1366 (Fed. Cir. 2008).....	8, 16
<i>Credle v. Bond</i> , 25 F.3d 1566 (Fed. Cir. 1994).....	17
<i>Halliburton Energy Servs., Inc. v. M-I LLC</i> , 514 F.3d 1244 (Fed. Cir. 2008).....	10
<i>LBS Innovations, LLC v. BP Am. Inc.</i> , No. 2:12-CV-00407-JRG, 2014 WL 61050 (E.D. Tex. Jan. 7, 2014)	12
<i>Mangosoft Intellectual Prop. v. Skype Techs. SA</i> , No. 2:06-CV-390, 2008 U.S. Dist. LEXIS 62281 (E.D. Tex. Aug. 14, 2008).....	8
<i>Merrill v. Yeomans</i> , 94 U.S. 568 (1876).....	1
<i>Nautilus, Inc. v. Biosig Instruments, Inc.</i> , 572 U.S. 898 (2014).....	10
<i>O2 Micro Int’l Ltd. v. Beyond Innov. Tech. Co.</i> , 521 F.3d 1351 (Fed. Cir. 2008).....	15

..

<i>Phillips v. AWH Corp.</i> , 415 F.3d 1303 (Fed. Cir. 2005) (en banc).....	<i>passim</i>
<i>Plano Encryption Techs., LLC v. Alkami, Inc.</i> , No. 2:16-CV-1032-JRG, 2017 WL 3654122 (E.D. Tex. Aug. 23, 2017).....	12
<i>Process Control Corp. v. HydReclaim Corp.</i> , 190 F.3d 1350 (Fed. Cir. 1999).....	10
<i>RFID Tracker, Ltd. v. Wal-Mart Stores, Inc.</i> , 342 F. App'x 628 (Fed. Cir. 2009)	8
<i>Securus Techs., Inc. v. Glob. Tel*Link Corp.</i> , 701 F. App'x 971 (Fed. Cir. 2017)	18
<i>SIPCO, LLC v. Emerson Elec. Co.</i> , 794 F. App'x 946 (Fed. Cir. 2019)	6
<i>Source Vagabond Sys. Ltd. v. Hydrapak, Inc.</i> , 753 F.3d 1291 (Fed. Cir. 2014).....	20, 26
<i>Tico, Inc. v. EchoStar Commc'ns Corp.</i> , 516 F.3d 1290 (Fed. Cir. 2008).....	12
<i>Trs. of Columbia Univ. in N.Y. v. Symantec Corp.</i> , 811 F.3d 1359 (Fed. Cir. 2016).....	8
<i>Uship Intellectual Properties, LLC v. United States</i> , 714 F.3d 1311 (Fed. Cir. 2013).....	30
<i>V-Formation, Inc. v. Benetton Grp. SpA</i> , 401 F.3d 1307 (Fed. Cir. 2005).....	19
<i>In re Varma</i> , 816 F.3d 1352 (Fed. Cir. 2016).....	12
<i>Vehicle IP, LLC v. Cellco P'ship</i> , 757 F. App'x 954 (Fed. Cir. 2019)	29
<i>Vitronics Corp. v. Conceptronic, Inc.</i> , 90 F.3d 1576 (Fed. Cir. 1996).....	5
<i>Wireless Protocol Innovations, Inc. v. TCT Mobile, Inc.</i> , 771 F. App'x 1012 (Fed. Cir. 2019)	29
<i>Wis. Alumni Research Found. v. Apple Inc.</i> , 905 F.3d 1341 (Fed. Cir. 2018).....	27

...

I. INTRODUCTION

“As the Supreme Court has stated, “[i]t seems to us that nothing can be more just or fair, both to the patentee and the public, than that the former should understand, and correctly describe, just what he has invented, and for what he claims a patent.” *Phillips v. AWH Corp.*, 415 F.3d 1303, 1321 (Fed. Cir. 2005) (en banc) (quoting *Merrill v. Yeomans*, 94 U.S. 568, 573-74 (1876)). Defendants LG Display Co., Ltd., LG Electronics, Inc., and Sony Corporation (collectively, “Defendants”) respectfully ask the Court to apply this fundamental principle of patent law and hold Plaintiff Solas OLED, Ltd. to the words the original patentees used to claim their inventions and to convince the Patent Office to issue the patents-in-suit.

As shown below, Solas turns this core tenet on its ear and refuses to be bound by the unambiguous text of its patents, or even by conventional principles of physics or electrical engineering. It eschews well-established meanings of fundamental terms like “current” and “voltage” and conflates them in an effort to broaden its claims. Similarly, Solas refuses to be bound by conventional uses of the English language. Solas proposes labored meanings of simple words like “before,” “after,” “together,” and “along,” often relying on the trope that some so-called plain and ordinary meaning applies, to try to expand these terms to suit its infringement theories. By contrast, in discerning the meanings of the claim terms, Defendants have looked to the claims, the specifications, and the file histories for guidance as the law requires, and have provided the Court with context in the declaration of Douglas R. Holberg, Ph.D., a seasoned industry veteran, professor, inventor, and author. As a result, Defendants’ proposed constructions “stay[] true to the claim language and most naturally align[] with the patent’s description of the invention,” and so are “in the end, the correct construction[s].” *Phillips*, 415 F.3d at 1316.

II. TECHNOLOGY BACKGROUND

Solas did not invent the technologies described in its patents, which pertain to flat panel

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.