

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SONY CORPORATION, SAMSUNG ELECTRONICS CO., LTD., and
SAMSUNG DISPLAY CO., LTD.,
Petitioner,

v.

SURPASS TECH INNOVATION LLC,
Patent Owner.

Case IPR2015-00863
Patent 7,202,843 B2

**PATENT OWNER SURPASS TECH INNOVATION LLC'S
DEMONSTRATIVE EXHIBITS**



SONY CORPORATION *et al.*

v.

SURPASS TECH INNOVATION LLC

Inter Partes Review of U.S. Patent 7,202,843 B2
Case IPR2015-00863

Oral Hearing Date: May 12, 2016

Before Hon. Sally C. Medley, Bruce E. Moore and Beth Z. Shaw

OVERVIEW

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U.S. Patent No. 7,202,843 B2

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

(10) **Patent No.:** **US 7,202,843 B2**
(45) **Date of Patent:** **Apr. 10, 2007**

(54) **DRIVING CIRCUIT OF A LIQUID CRYSTAL DISPLAY PANEL AND RELATED DRIVING METHOD**

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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 602 days.

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G09G 3/36 (2006.01)

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(58) **Field of Classification Search** 345/87, 345/88, 89, 90, 91, 93, 98, 99, 100, 204, 345/589, 596, 600-605
See application file for complete search history.

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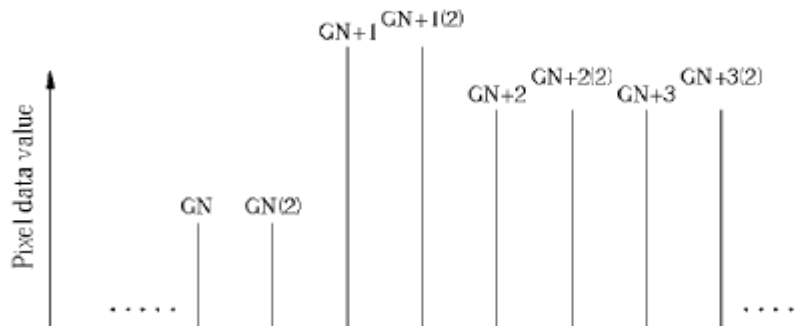
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(57) **ABSTRACT**

A method for driving a liquid crystal display (LCD) panel includes receiving continuously a plurality of frame data, generating a plurality of data impulses for each pixel every frame period according to the frame data, and applying the data impulses to a liquid crystal device of a pixel within a frame period via the data line connected to the pixel in order to control a transmission rate of the liquid crystal device.

9 Claims, 10 Drawing Sheets



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