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## BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

Petitioners

## Patent No. 7,202,843 Issue Date: April 10, 2007 Title: DRIVING CIRCUIT OF A LIQUID CRYSTAL DISPLAY PANEL AND RELATED DRIVING METHOD

### CORRECTED PETITION FOR INTER PARTES REVIEW

### OF U.S. PATENT NO. 7,202,843

No. IPR2015-00863

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ii. the LCD panel comprising:
a. a plurality of scan lines;
b. a plurality of data lines;
c. and a plurality of pixels, each pixel being connected to a
corresponding scan line and a corresponding data line,
and each pixel comprising a liquid crystal device and a
switching device connected to the corresponding
scan line, the corresponding data line, and the liquid crystal device,
iii. and the method comprising: receiving continuously
a plurality of frame data,
iv. generating a plurality of data impulses for each pixel within
every frame period according to the frame data; and
v. applying the data impulses to the liquid crystal device of
one of the pixels within one frame period via the data line
connected to the pixel in order to control a transmission
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