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(54) **MATRIX-TYPE DISPLAY DEVICE**

Publication Classification

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(51) **Int. Cl.⁷** **G09G 5/00**
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(57) **ABSTRACT**

A matrix-type display device includes a data generating circuit **102** for multiple scans for inserting blanking data to image data for one frame period of an image, and a timing controlling circuit **103** for multiple scans for generating clocks used by a gate line drive circuit **104** for scanning lines of a display element array **107** such that the image data and the blanking data can be displayed in one frame period. Here, the gate line drive circuit **104** simultaneously scans multiple lines adjacent to each other as a bundle. According to this configuration, the larger and more complicated construction can be suppressed, which can also suppress the image deterioration due to blurred moving picture.

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(30) **Foreign Application Priority Data**

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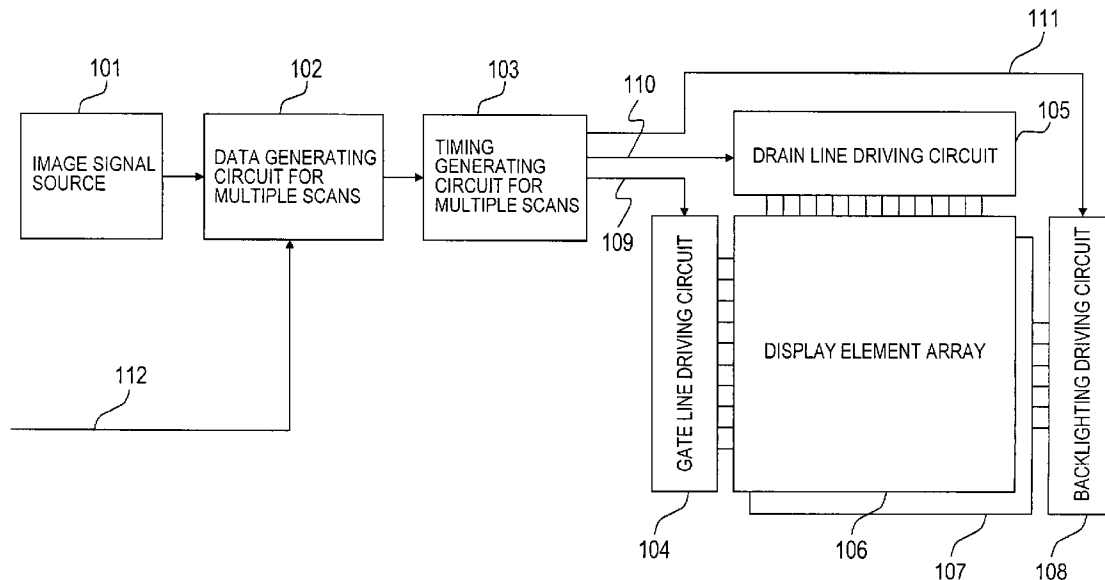


FIG. 1

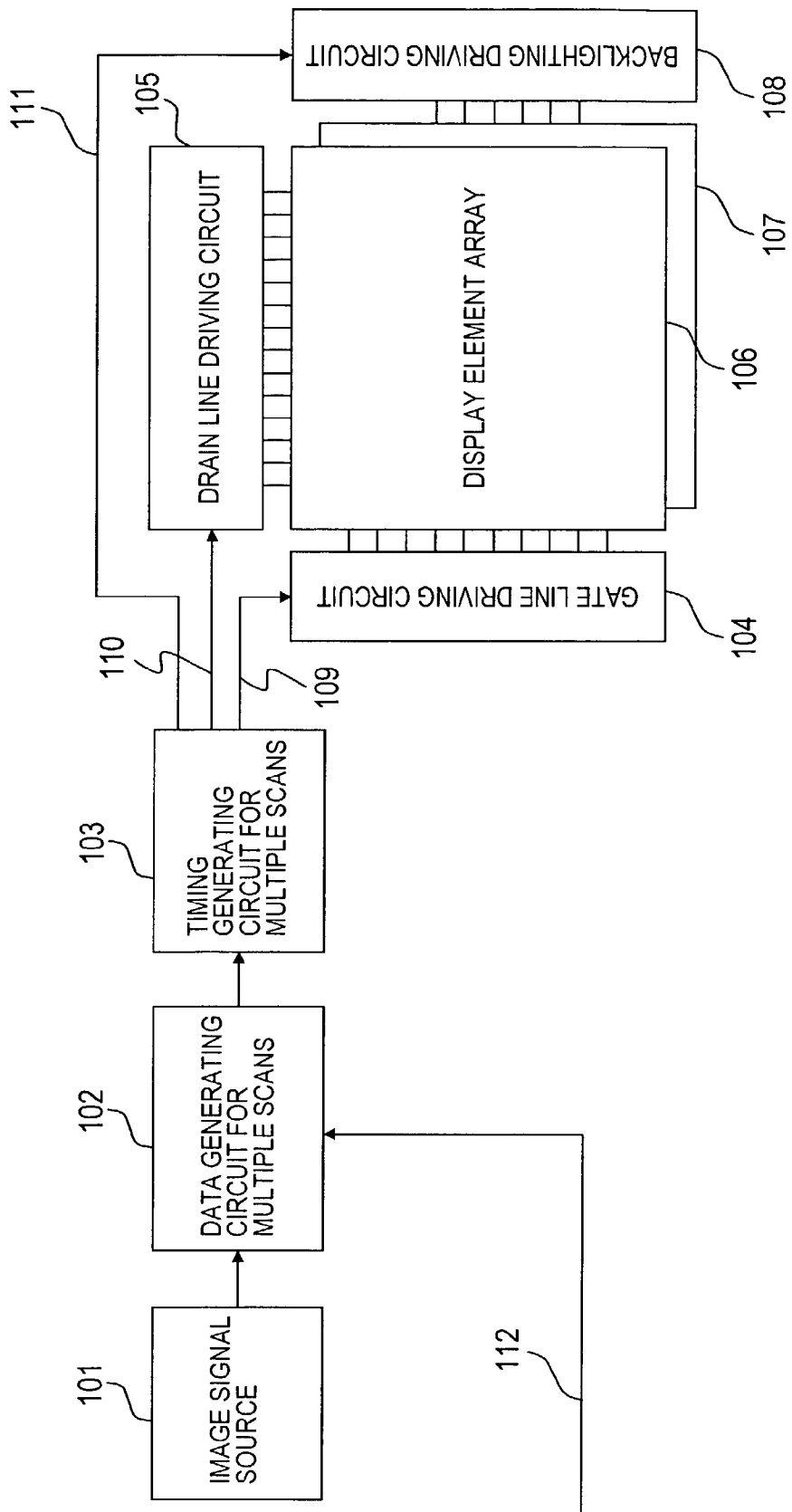


FIG.2

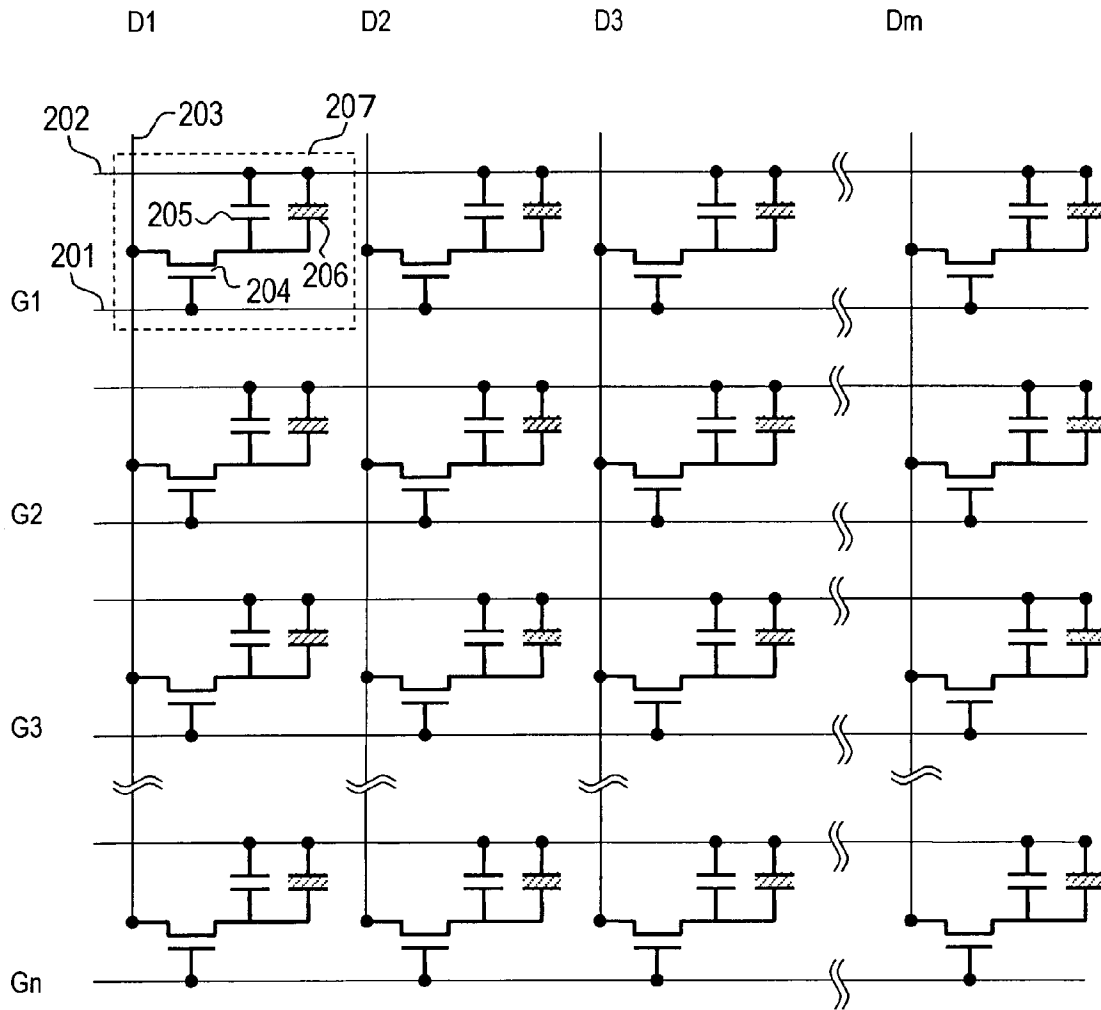


FIG.3

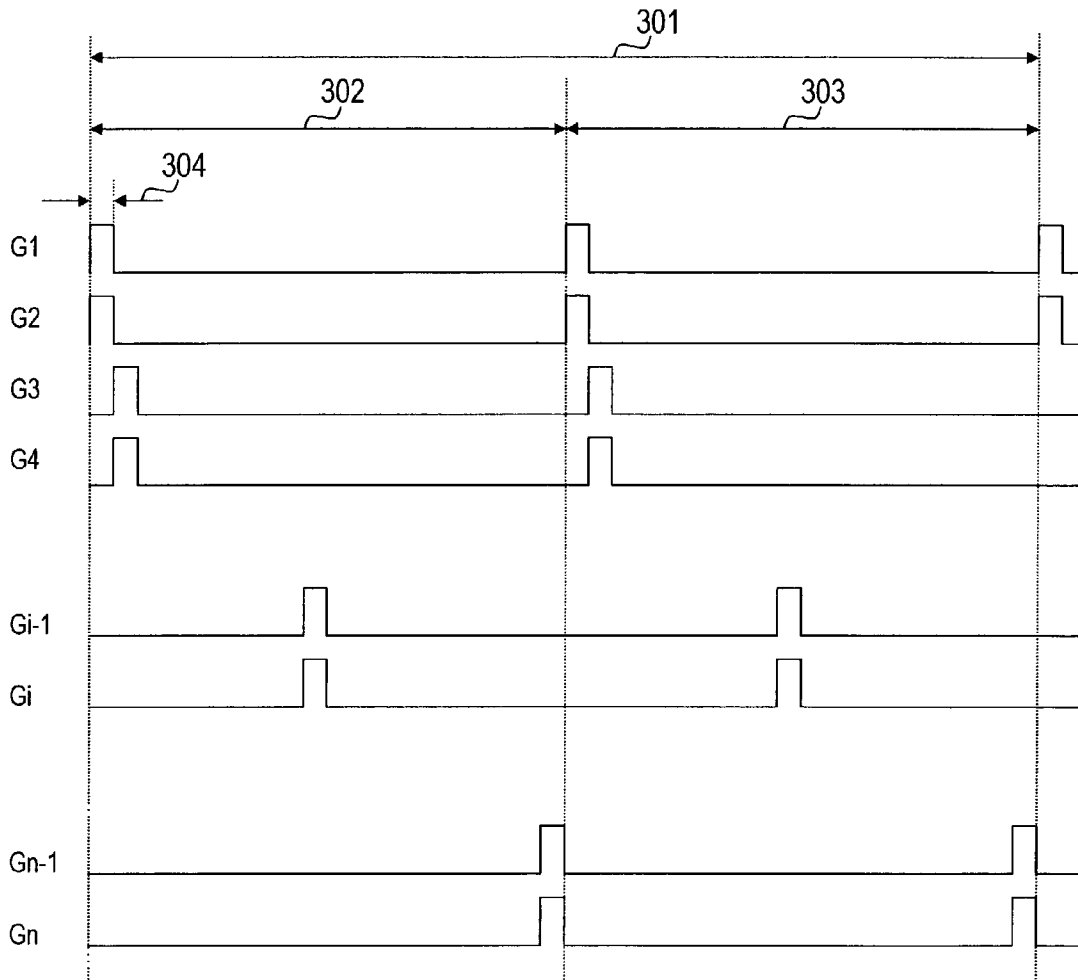
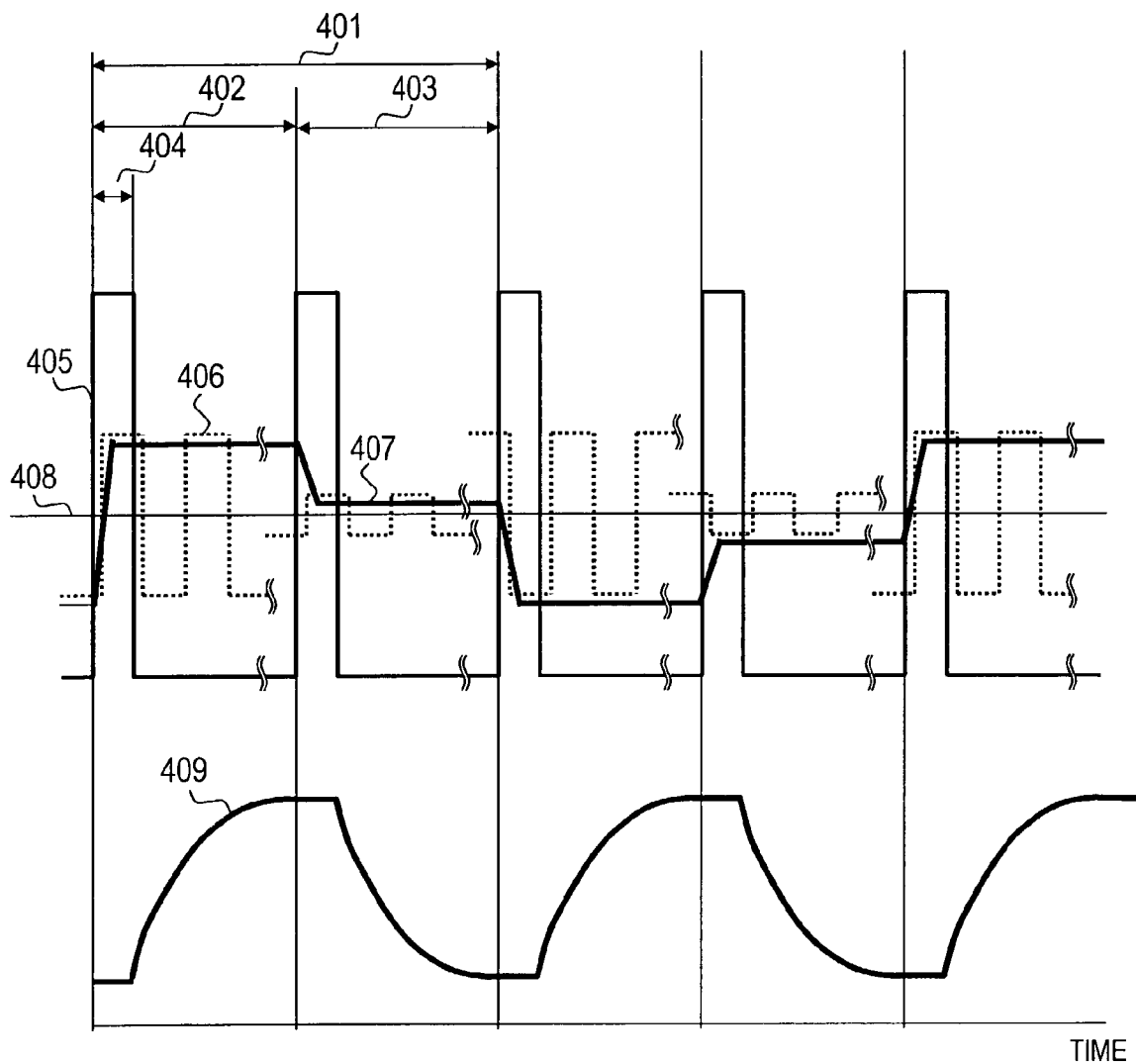


FIG. 4



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