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(71) Applicant: Samsung SDI Co., Ltd.

Suwon-si

Gyeonggi-do (KR)

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- (72) Inventors:
  - Jeon, Sang-Ho Legal & Team, Samsung SDI Co., LTD. Kyunggi-do (KR)
  - Lee, Chun-Gyoo
    Legal & IP Team Samsung SDI Co.,LTD
    Kyunggi-do (KR)
- (74) Representative: Hengelhaupt, Jürgen Gulde Hengelhaupt Ziebig & Schneider Wallstrasse 58/59 10179 Berlin (DE)

## (54) Electron emission device

(57) An electron emission device includes electron emission regions formed on a first substrate, a driving electrode for controlling emission of electrons emitted from the electron emission regions, and a focusing electrode for focusing the electrons and having an opening through which the electrons pass. A first insulating layer is disposed between the driving electrode and the focusing electrode. The focusing electrode and the insulating

layer satisfy at least one of the following two conditions: 1.0  $\leq |Vf/t| \leq 6.0;$  and 0.2  $\leq |Vf/Wh| \leq 0.4,$  where Vf (V) indicates the voltage applied to the focusing electrode, t ( $\mu m$ ) indicates the thickness of the insulating layer, and Wh ( $\mu m$ ) indicates the width of the opening of the focusing electrode.

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