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Chiang(10) **Pub. No.: US 2022/0361305 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **DRIVING SYSTEM FOR DRIVING
LIGHT-EMITTING MODULES AND
LIGHT-EMITTING SYSTEM INCLUDING
THE SAME**(71) Applicant: **MACROBLOCK, INC.**, Hsinchu (TW)(72) Inventor: **Ting-Ta Chiang**, Hsinchu (TW)(73) Assignee: **MACROBLOCK, INC.**, Hsinchu (TW)(21) Appl. No.: **17/659,866**(22) Filed: **Apr. 20, 2022**(30) **Foreign Application Priority Data**

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(57)

ABSTRACT

A driving system for driving light-emitting modules includes driving current generation modules connected respectively to the light-emitting modules, and a brightness modulation module connected to the current generation modules and the light-emitting modules. Each driving current generation module is configured to receive signals from the brightness modulation module to control a driving current that flows through the light-emitting module it is connected to. The brightness modulation module is configured to generate the signals based on voltages provided at terminals of the light-emitting modules that are connected to the driving current generation modules.

