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Sung

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(54) **TRIMMING CIRCUIT AND SEMICONDUCTOR SYSTEM INCLUDING THE SAME**

(56) **References Cited**

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Primary Examiner — Jeffrey Zweizig

(74) *Attorney, Agent, or Firm* — William Park & Associates Ltd.

(71) Applicant: **SK hynix Inc.**, Icheon-si, Gyeonggi-do (KR)

(72) Inventor: **Moon Soo Sung**, Seoul (KR)

(73) Assignee: **SK hynix Inc.**, Icheon-si, Gyeonggi-do (KR)

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(57) **ABSTRACT**

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A trimming circuit may include a code table storing unit configured to store a plurality of test codes, a test voltage generating unit configured to generate test voltages in response to the test codes output by the code table storing unit, and a trimming unit configured to exchange and compare the test voltages and a reference voltage and output first and second pass signals. The trimming circuit may include a code table temporarily storing unit configured to store a test code from among the test codes as a first test code in response to the output of the first pass signal, and store a test code from among the test codes as a second test code in response to the output of the second pass signal, and a calculating unit configured to generate an intermediate code of the first and second test codes as a trimming code.

(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**
CPC **G05F 1/625** (2013.01)

(58) **Field of Classification Search**
CPC G05F 1/46; G05F 1/462; G05F 1/468
See application file for complete search history.

20 Claims, 4 Drawing Sheets

