

[54] LOGIC CIRCUIT FOR AN AUTOMATIC BRAKING SYSTEM FOR A MOTOR VEHICLE

[75] Inventors: Norio Fujiki, Yokohama; Hiroshi Endo, Yokosuka, both of Japan

[73] Assignee: Nissan Motor Co., Ltd., Yokohama, Japan

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[30] Foreign Application Priority Data

Dec. 9, 1975 Japan 50-147248

[51] Int. Cl.² B60T 7/00; G01S 9/02

[52] U.S. Cl. 180/98; 340/53; 343/7 VM

[58] Field of Search 303/91, 93; 180/98; 343/112 CA, 7 VM, 7 VC; 340/52 H, 53, 258 R, 258 D

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U.S. PATENT DOCUMENTS

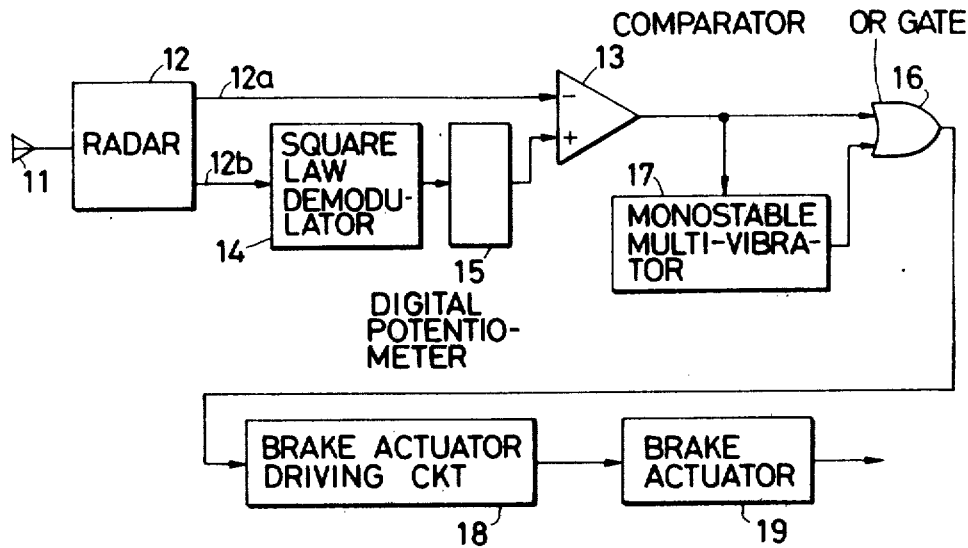
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Primary Examiner—Trygve M. Blix
Assistant Examiner—Reinhard J. Eisenzopf
Attorney, Agent, or Firm—Bacon & Thomas

[57] ABSTRACT

Braking of a vehicle is prolonged by an improved logic circuit for a time or a distance to overcome stop starting braking due to momentary "safe" signals caused by multiple reflection of a radar signal.

5 Claims, 9 Drawing Figures



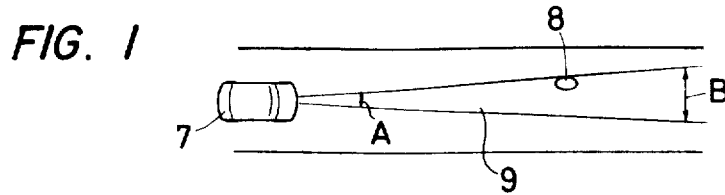


FIG. 2 PRIOR ART

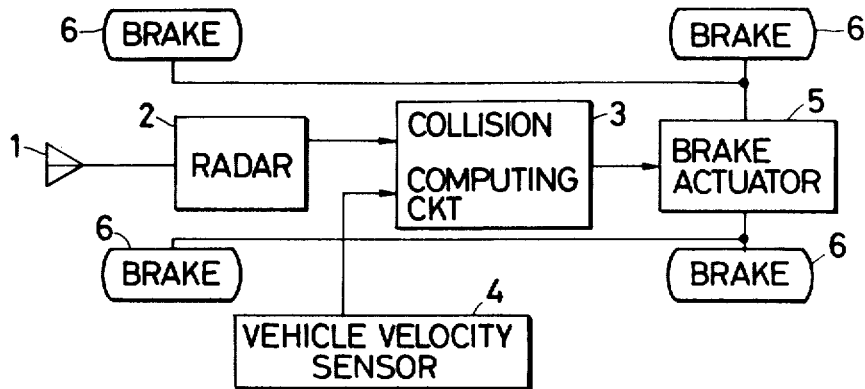


FIG. 3A

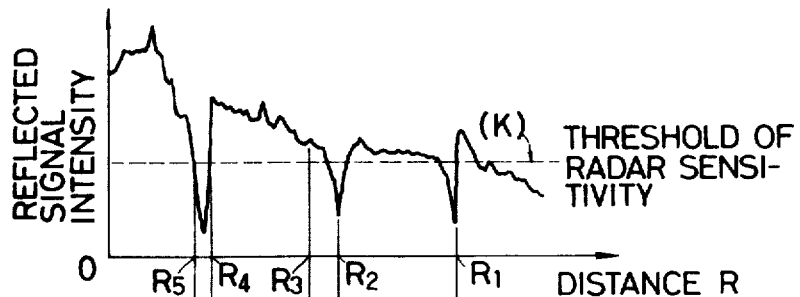


FIG. 3B

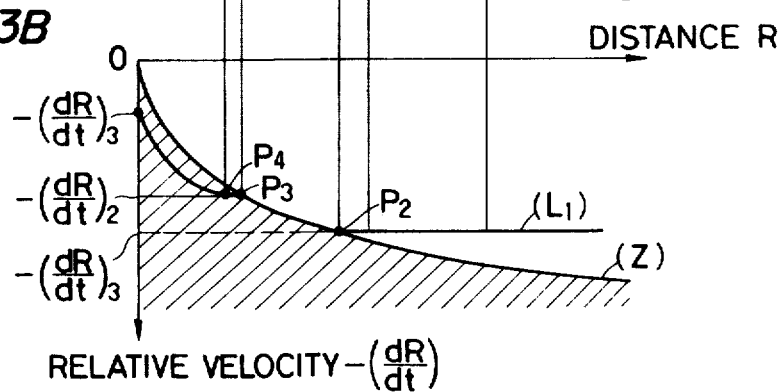


FIG. 4

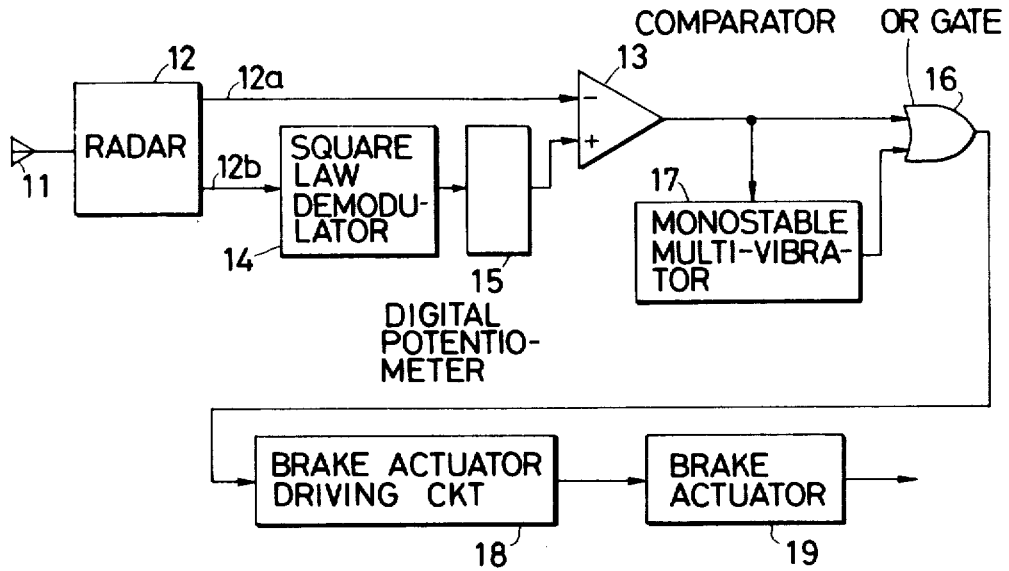


FIG. 5

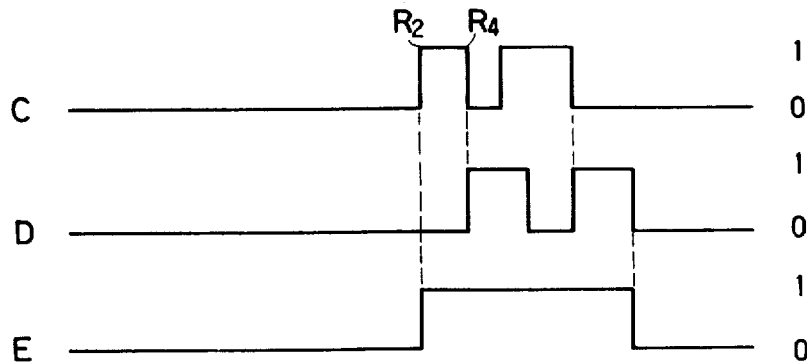


FIG. 6

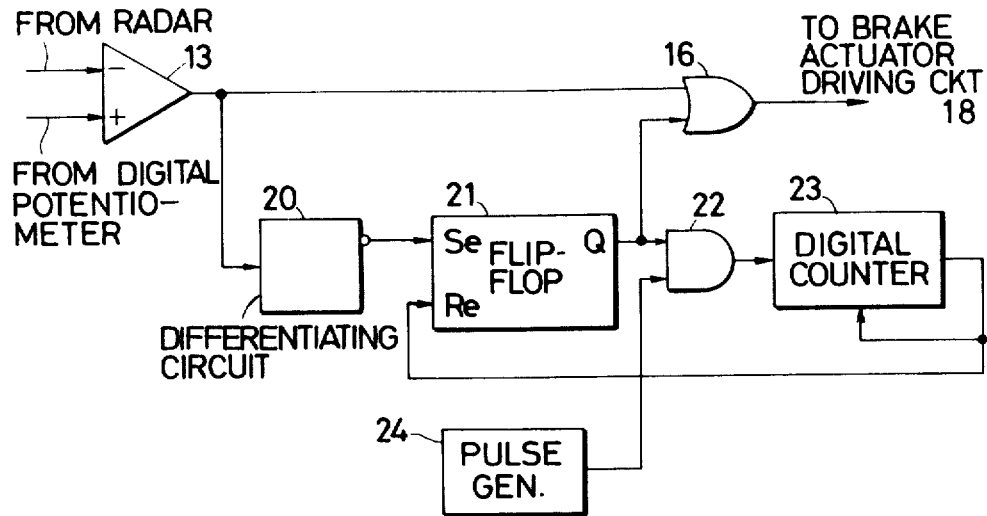


FIG. 7

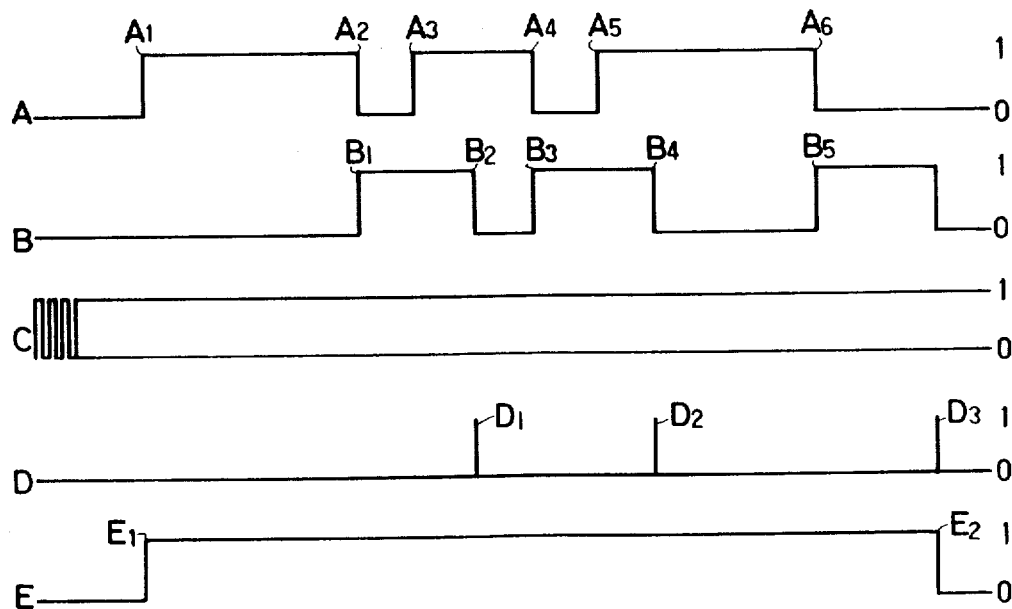
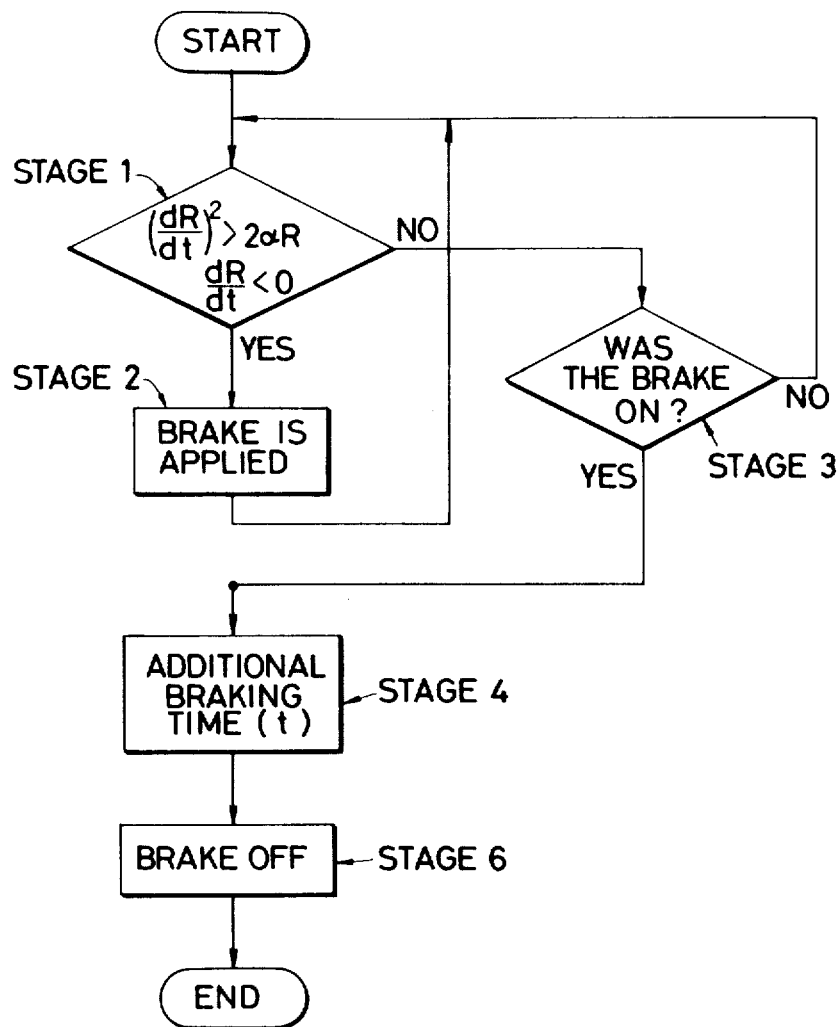


FIG. 8



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