

United States Patent [19]

[11] **Patent Number:** **5,650,931**

Nii

[45] **Date of Patent:** **Jul. 22, 1997**

[54] **GENERATOR OUTPUT CONTROLLER FOR ELECTRIC VEHICLE WITH MOUNTED GENERATOR**

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[75] **Inventor:** **Yoshihide Nii, Fuji, Japan**

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[73] **Assignee:** **Toyota Jidosha Kabushiki Kaisha, Toyota, Japan**

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[21] **Appl. No.:** **389,810**

[22] **Filed:** **Feb. 16, 1995**

[30] **Foreign Application Priority Data**

Feb. 21, 1994 [JP] Japan 6-022371

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Attorney, Agent, or Firm—Oliff & Berridge

[51] **Int. Cl.⁶** **B60L 11/02**

[52] **U.S. Cl.** **364/424.026; 318/139; 180/65.4**

[57] **ABSTRACT**

[58] **Field of Search** 364/423.098, 424.026; 180/65.1, 65.2, 65.3, 65.4; 318/139; 290/14, 16, 17

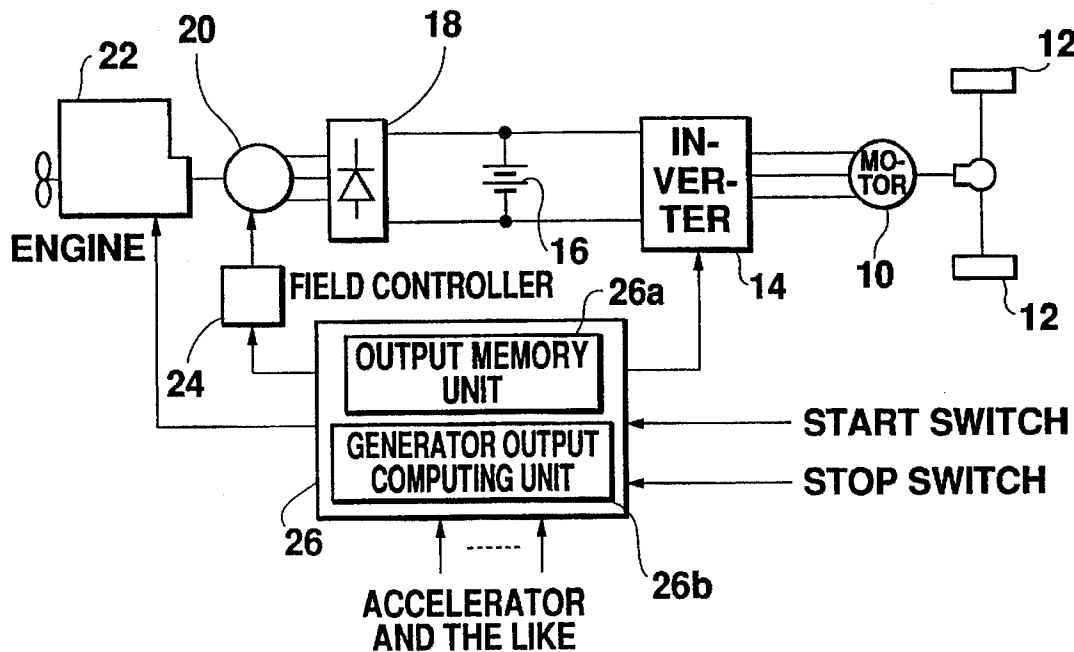
An output memory unit 26a stores data for the necessary average output of a generator 20 for a pattern obtained from the past in-travel-pattern power consumption. Therefore, in the case of a travel pattern, the output of the generator 20 is set in accordance with the stored data. Moreover, the power consumption in the travel pattern is examined to update the necessary average output of the generator 20.

[56] **References Cited**

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14 Claims, 5 Drawing Sheets



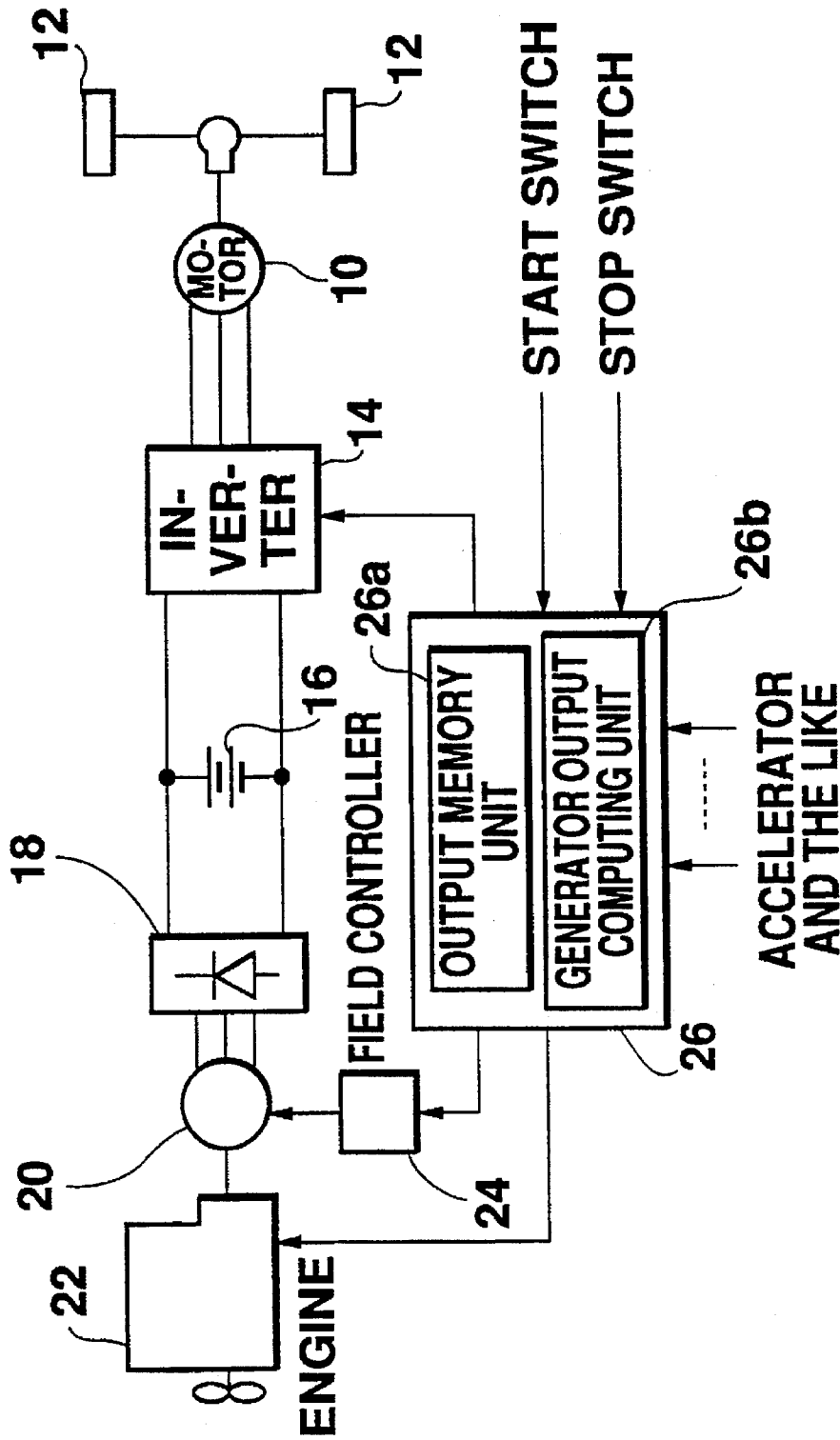


Fig. 1

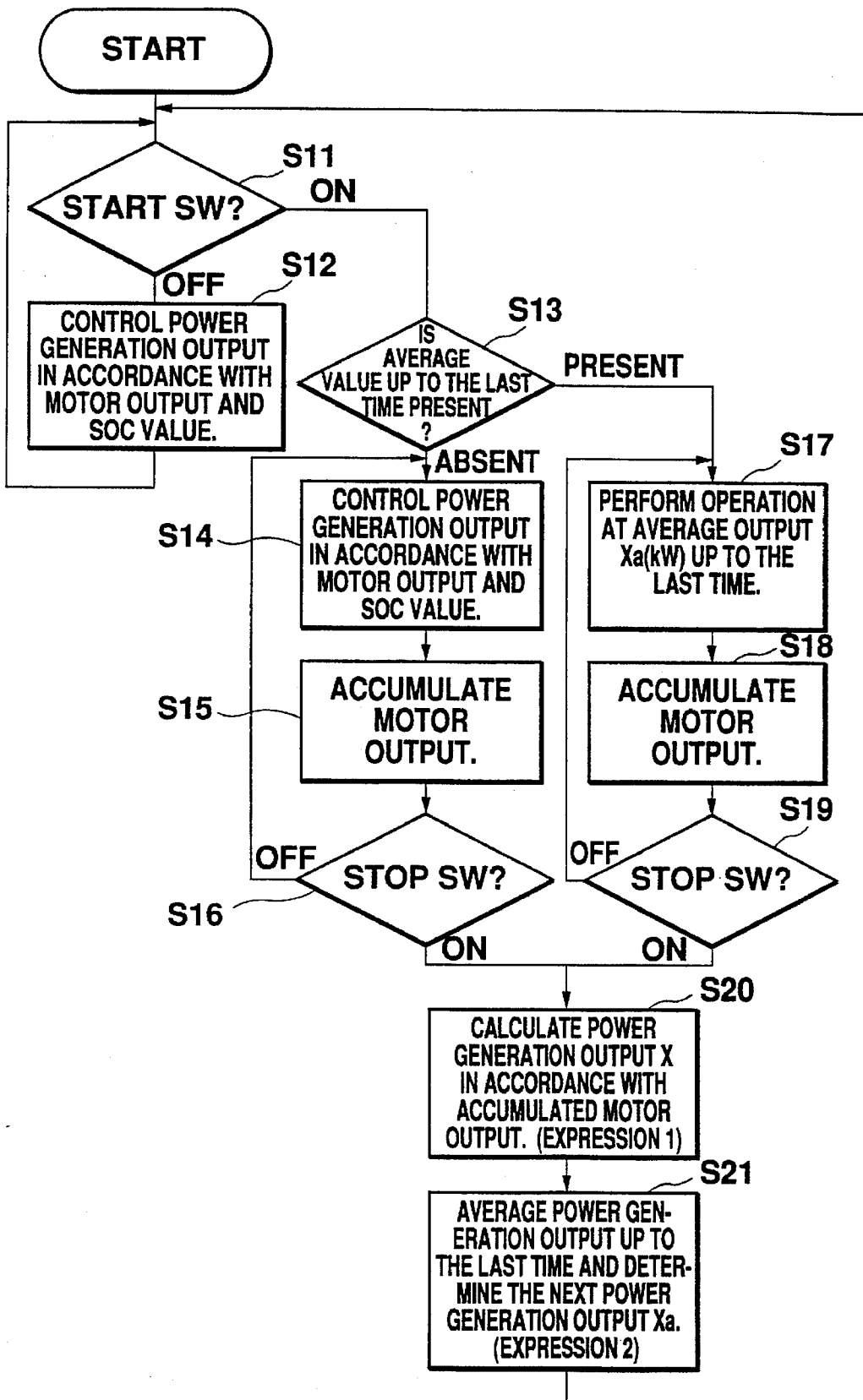


Fig. 2

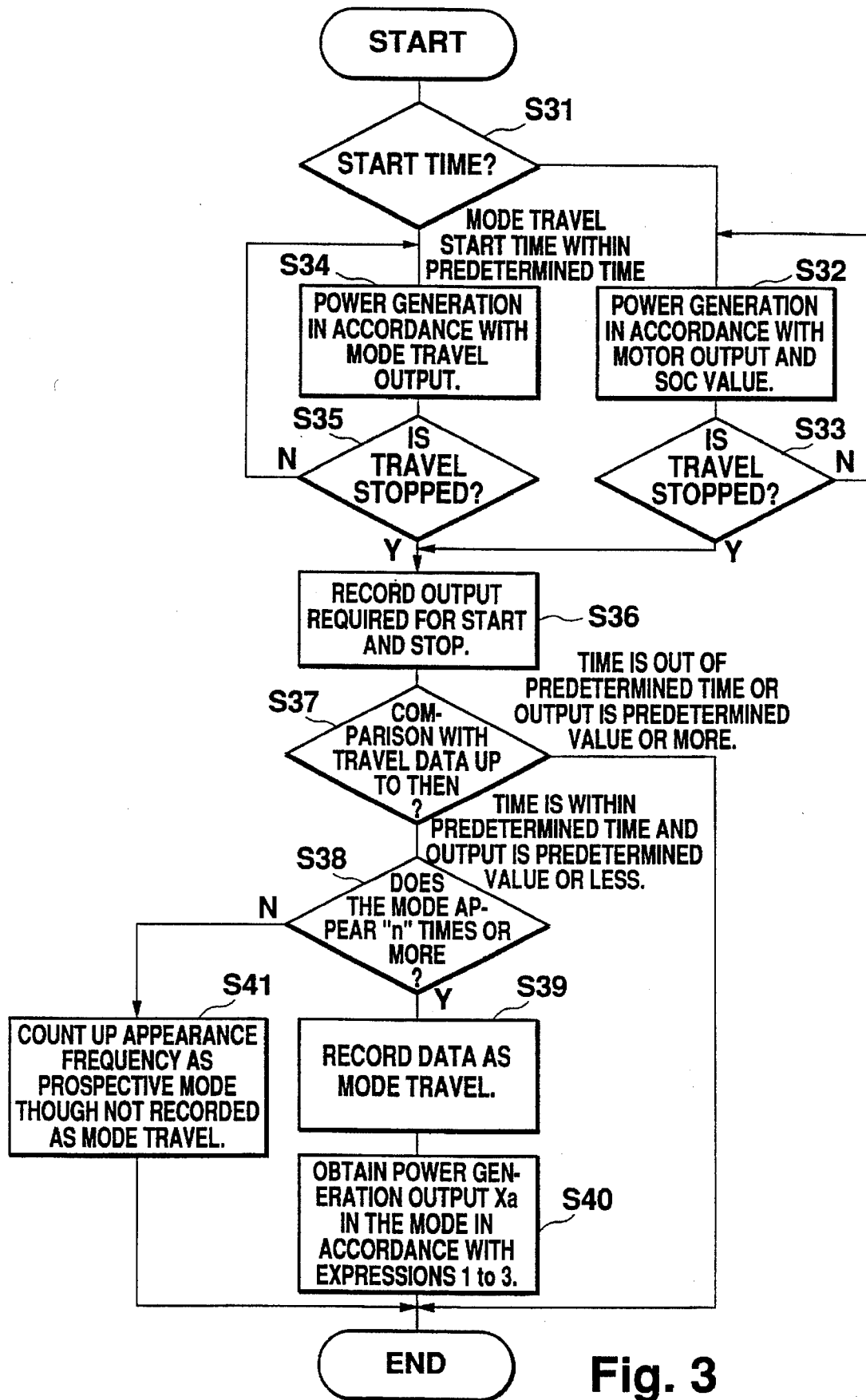


Fig. 3

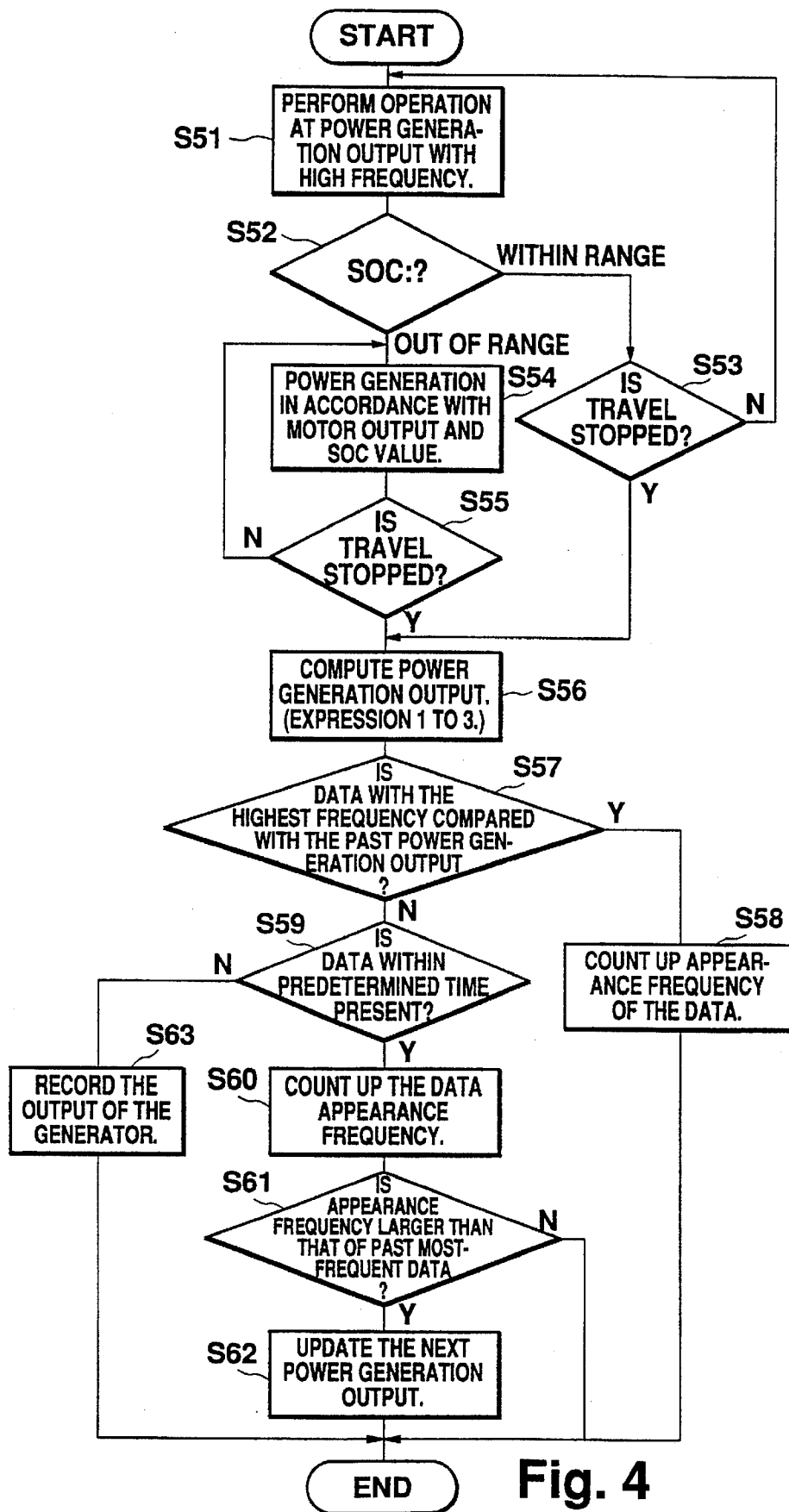


Fig. 4

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