

United States Patent [19]

Syed et al.

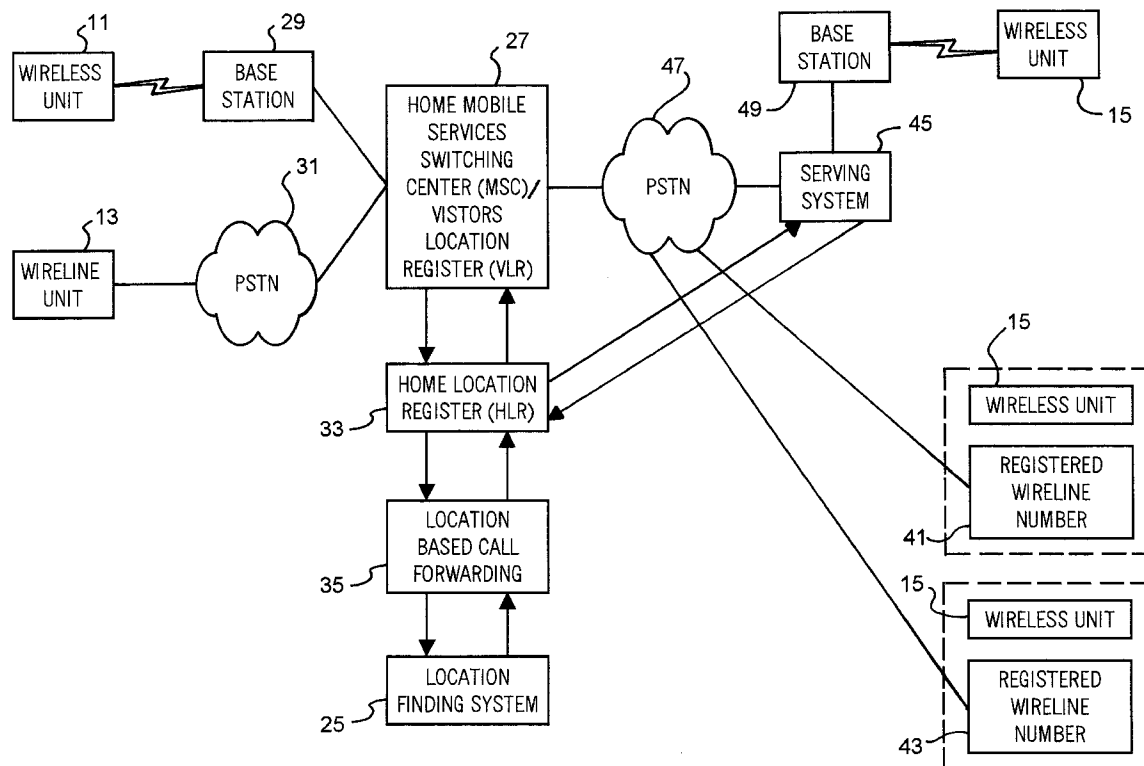
[11] **Patent Number:** **6,038,451**[45] **Date of Patent:** **Mar. 14, 2000**[54] **LOCATION BASED METHOD OF AND SYSTEM FOR FORWARDING WIRELESS TELEPHONE CALLS**[75] Inventors: **Arshad A. Syed**, Richardson; **Curtis R. Reider**, Allen, both of Tex.[73] Assignee: **Integrated Telecom Solutions, Inc.**, Richardson, Tex.[21] Appl. No.: **08/878,026**[22] Filed: **Jun. 18, 1997**[51] **Int. Cl.**⁷ **H04Q 7/20**[52] **U.S. Cl.** **455/445; 455/456**[58] **Field of Search** 455/445, 456, 455/560, 561, 426, 433, 31.2, 38.1[56] **References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Dwayne D. Bost*Assistant Examiner*—Quochien B. Vuong*Attorney, Agent, or Firm*—Denise L. Mayfield; Locke Liddell & Sapp LLP[57] **ABSTRACT**

A method of and system for processing a telephone call to a wireless telephone number associated with a mobile telephone unit forwards the call to a registered wireline number if the mobile unit is located near the geographic location associated with the wireline number. In response to a call placed to a wireless telephone number, the system determines the geographic location of the mobile unit associated with the wireless telephone number. If the mobile unit is near a registered location, the system forwards the call to the registered wireline number associated with the registered location.

10 Claims, 5 Drawing Sheets

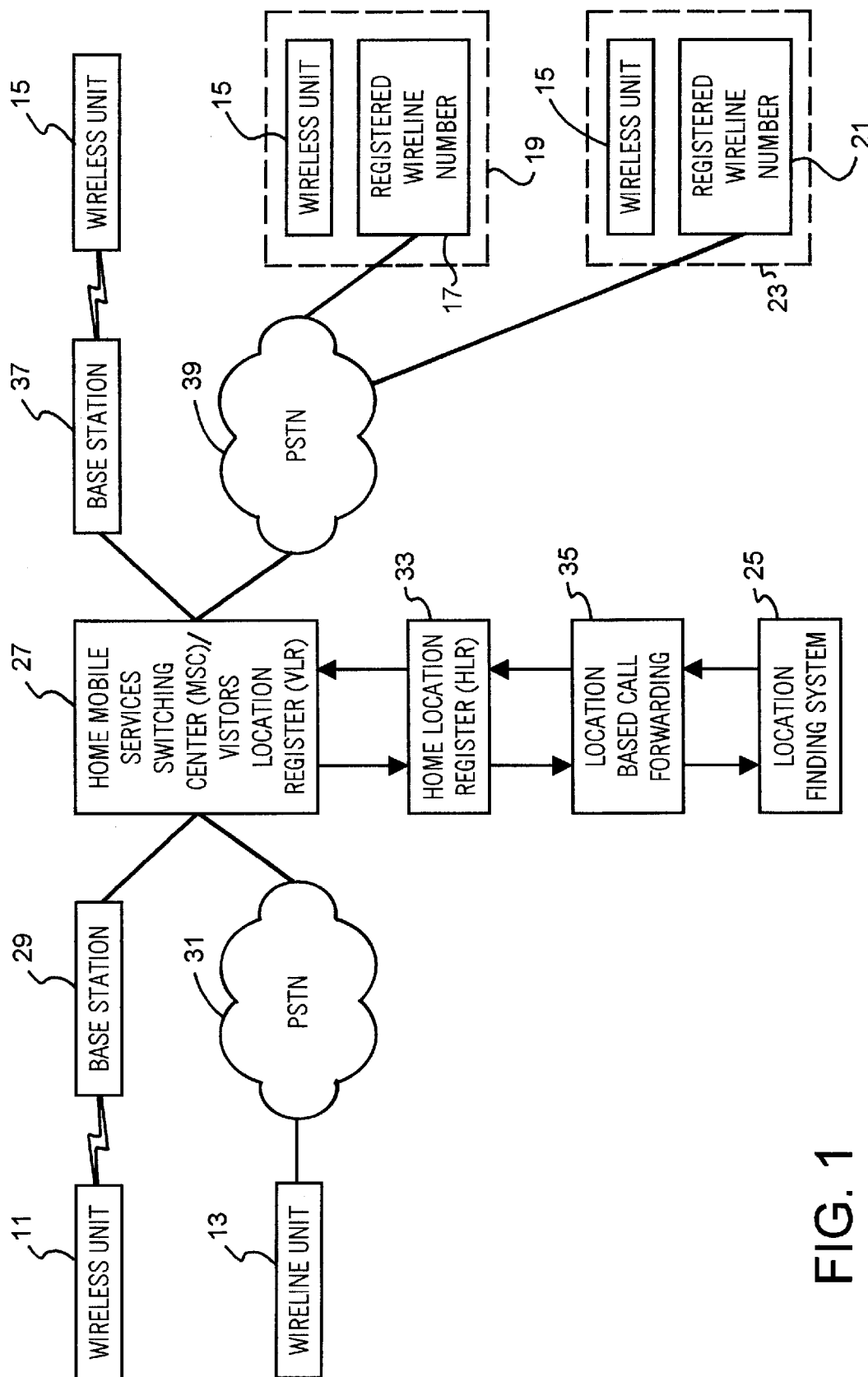


FIG. 1

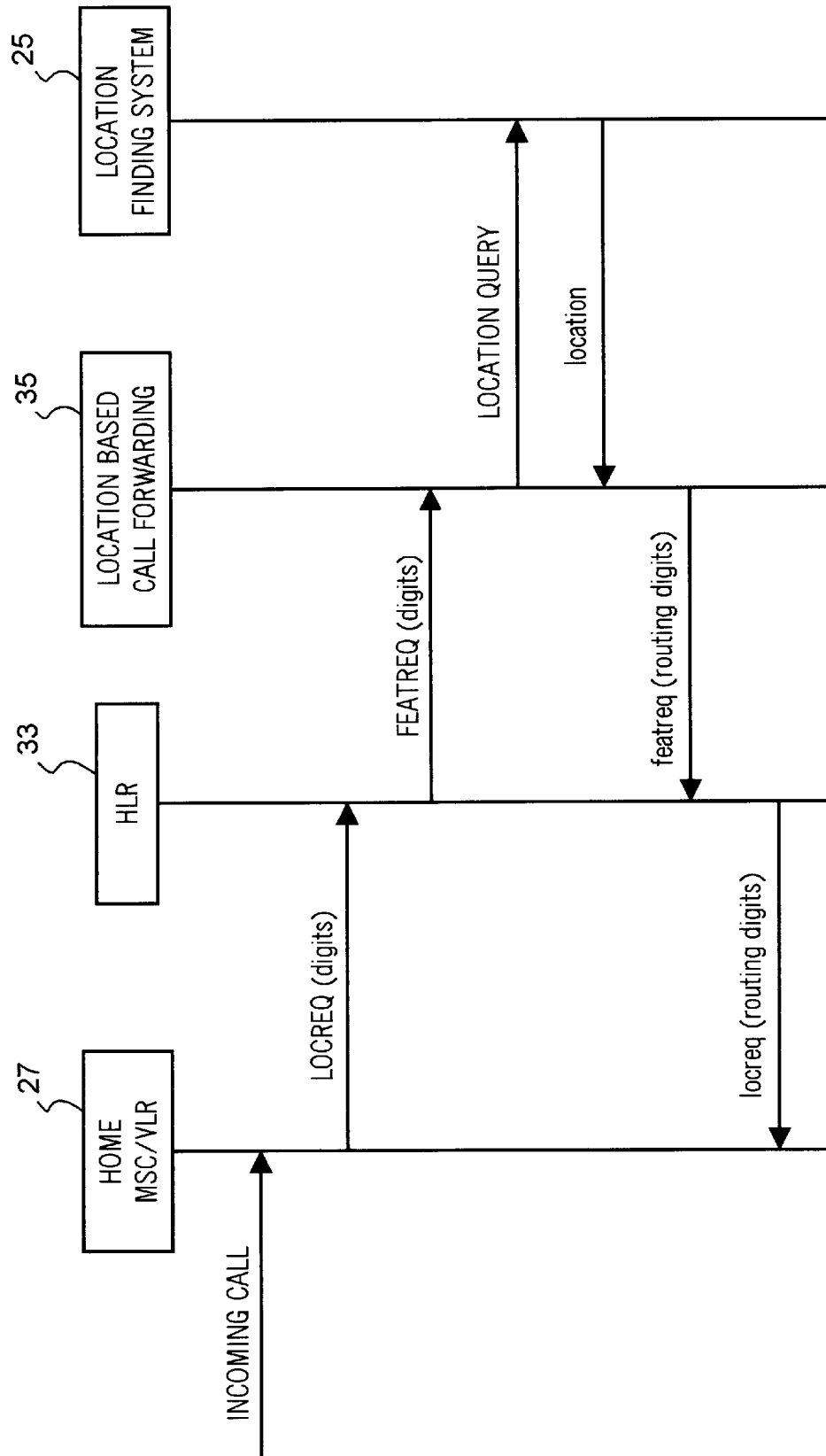


FIG. 2

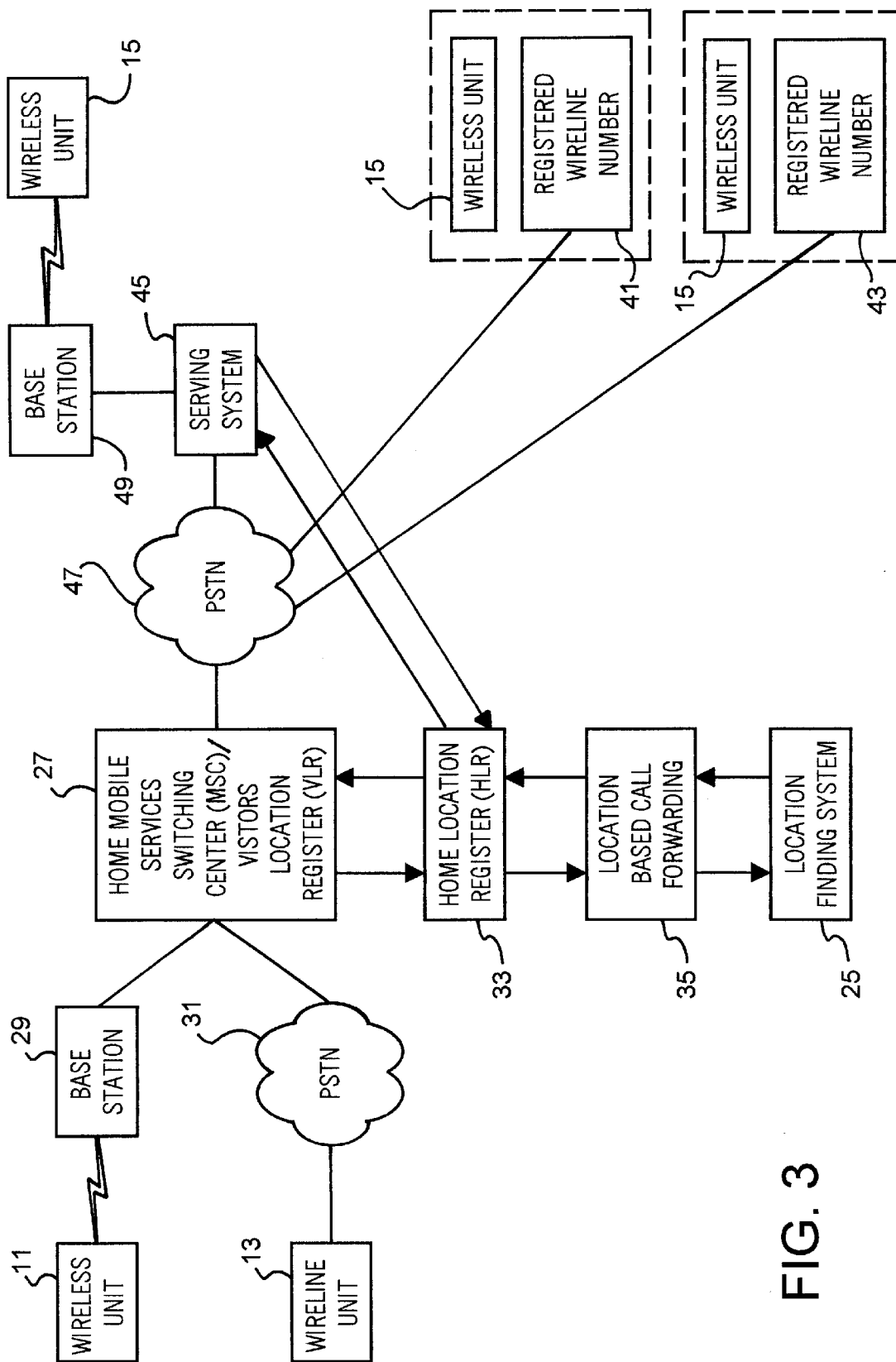


FIG. 3

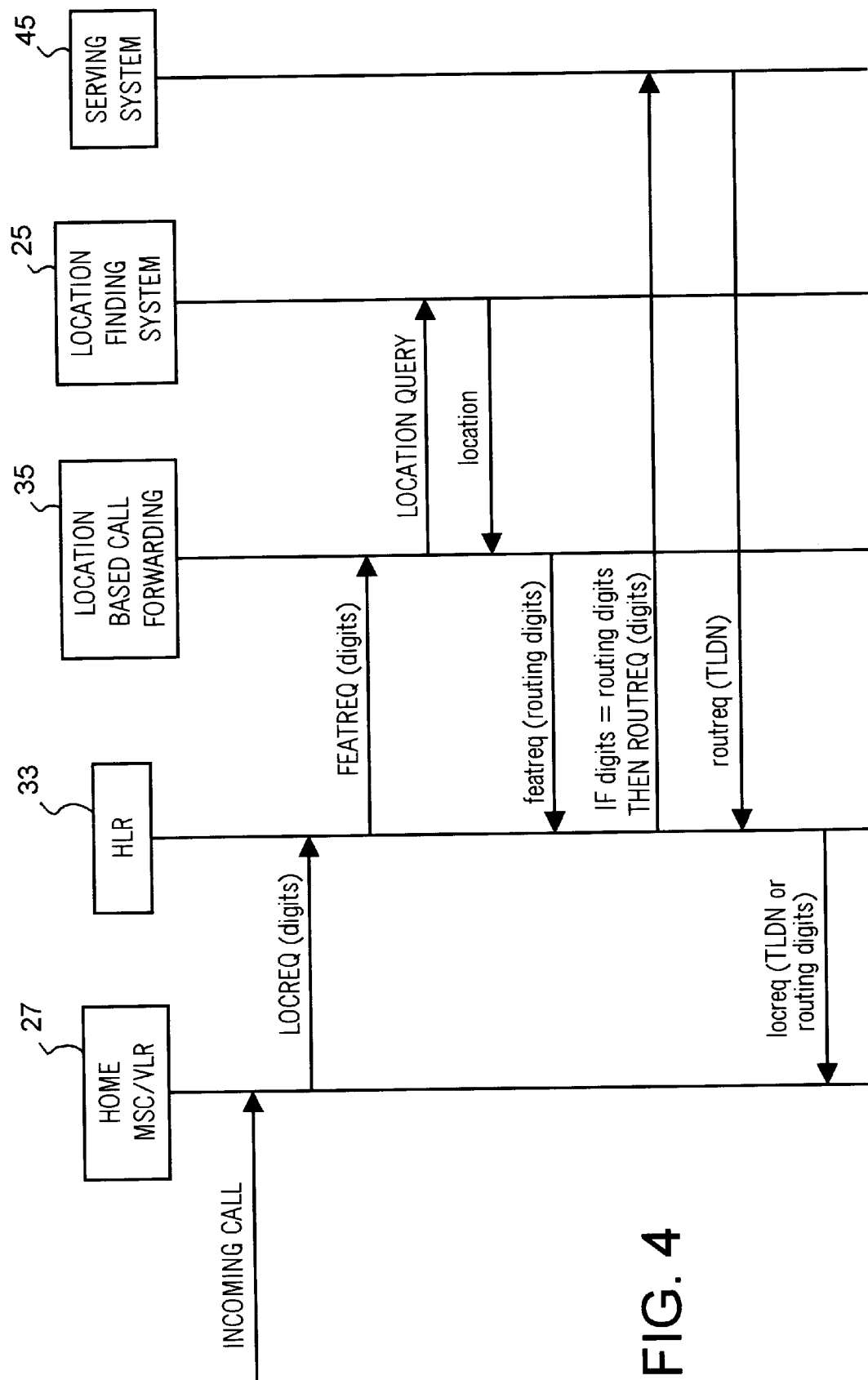


FIG. 4

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