

[54] CELLULAR POSITION LOCATING SYSTEM

4,953,198 8/1990 Daly et al. 379/61

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[57] ABSTRACT

[21] Appl. No.: 558,651

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[51] Int. Cl.⁵ H04B 7/185

[52] U.S. Cl. 342/357

[58] Field of Search 342/357, 450, 451, 454, 342/457

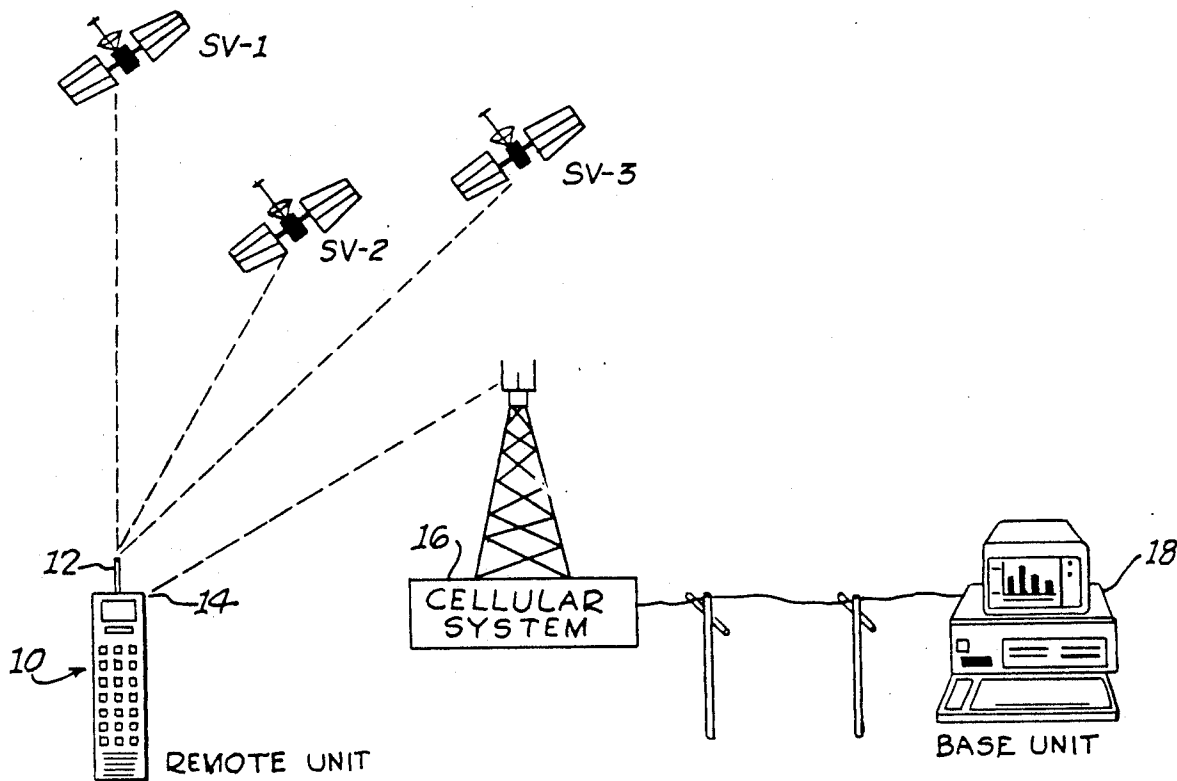
The invention comprises a portable locating unit useful both as a cellular telephone and portable global positioning system that provides latitude and longitude information remotely to a base unit display. The system includes a small hand held receiver that receives signals from a satellite global positioning system and timing and computing circuits to provide location information signals. The hand held unit also includes a modem and transmitter to a cellular telephone network which is connected to the base unit computational system and display. The location of an individual or object can thus be determined at the remote station through the use of the cellular telephone network.

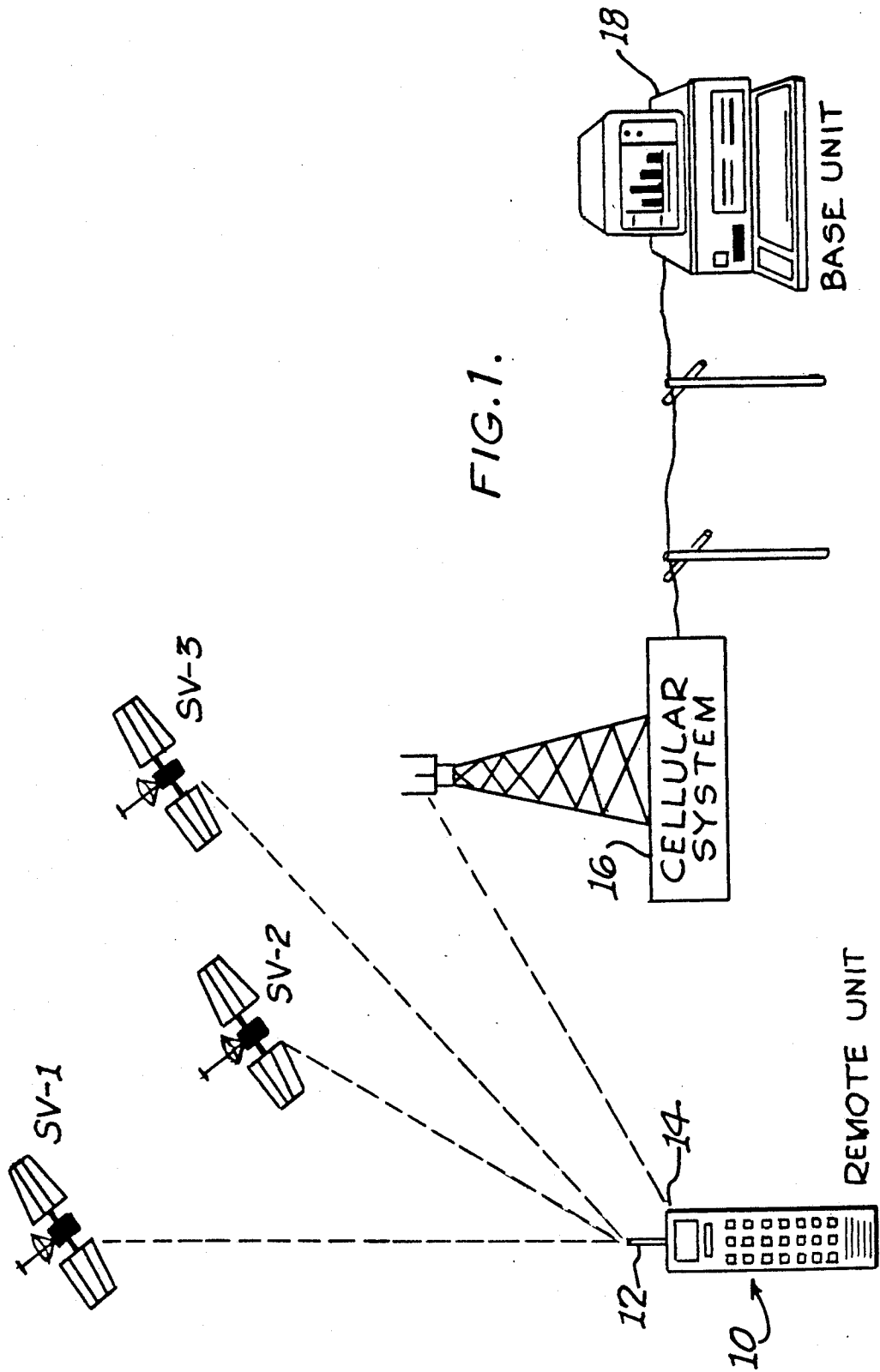
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4 Claims, 4 Drawing Sheets





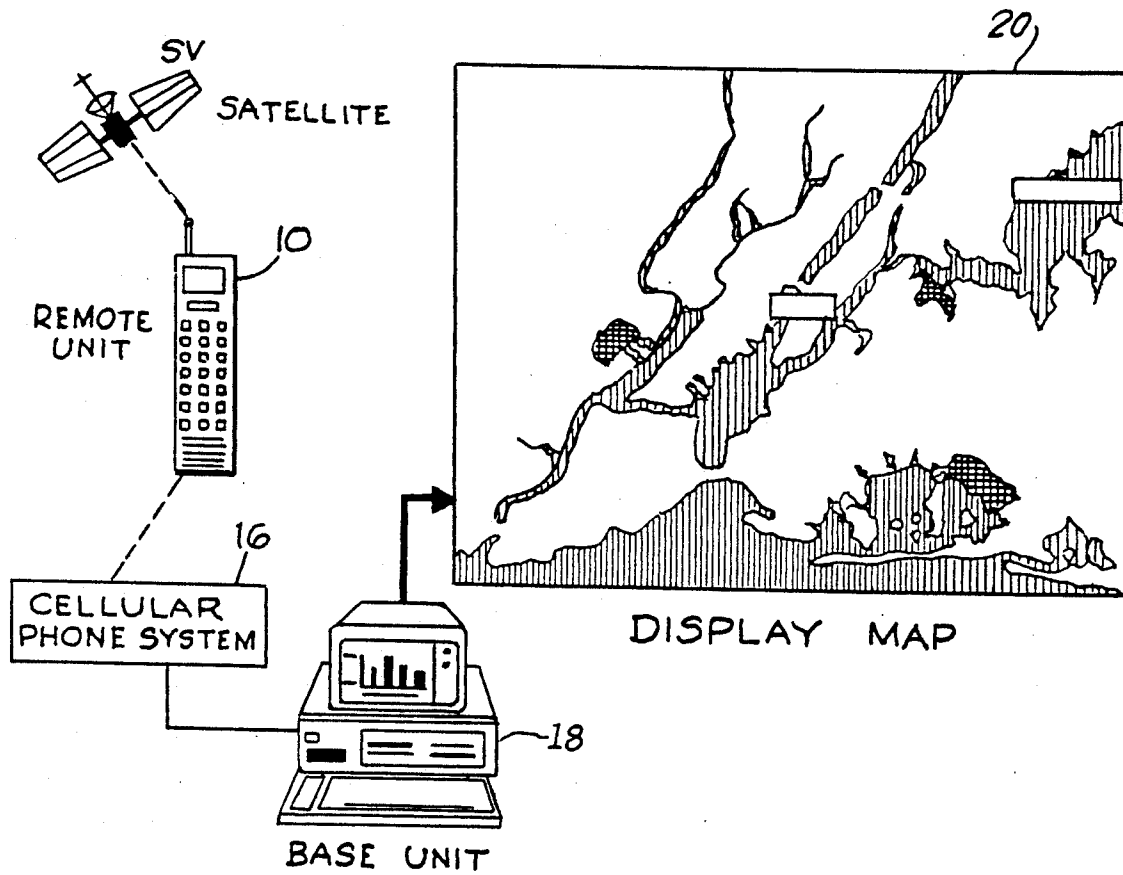


FIG. 2.

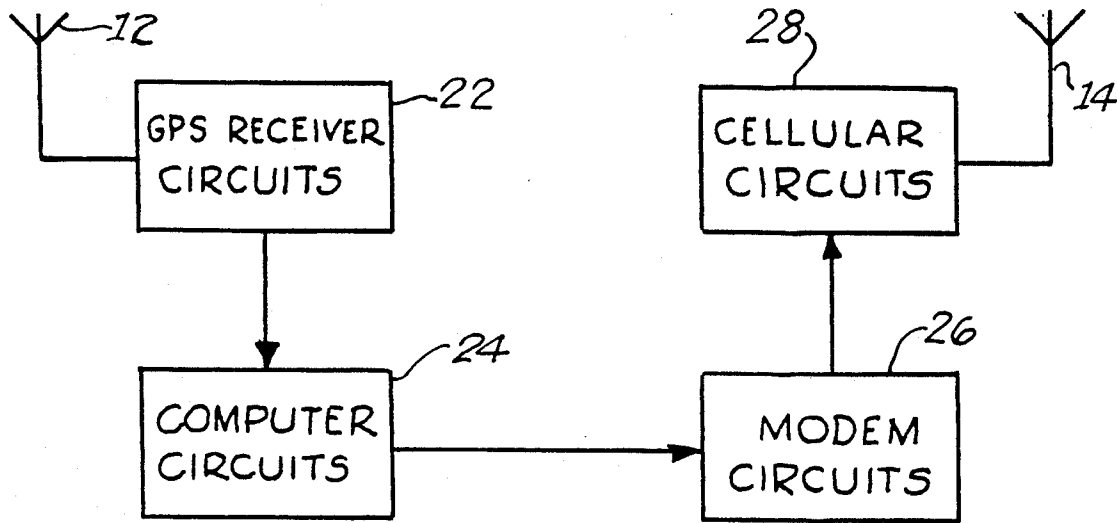


FIG. 3.

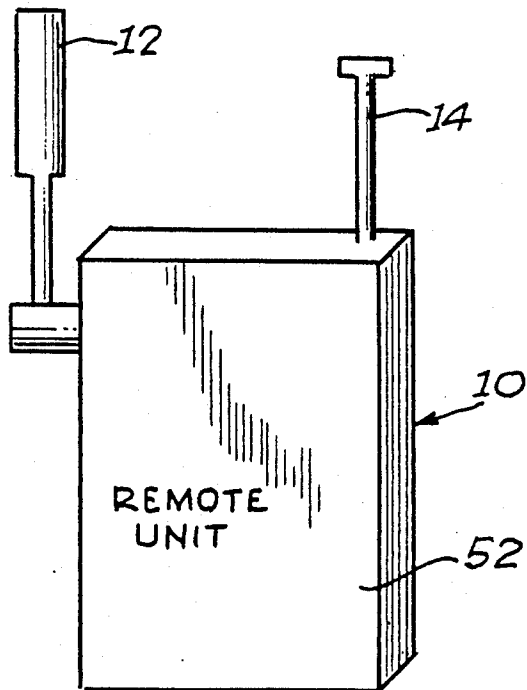


FIG. 5.

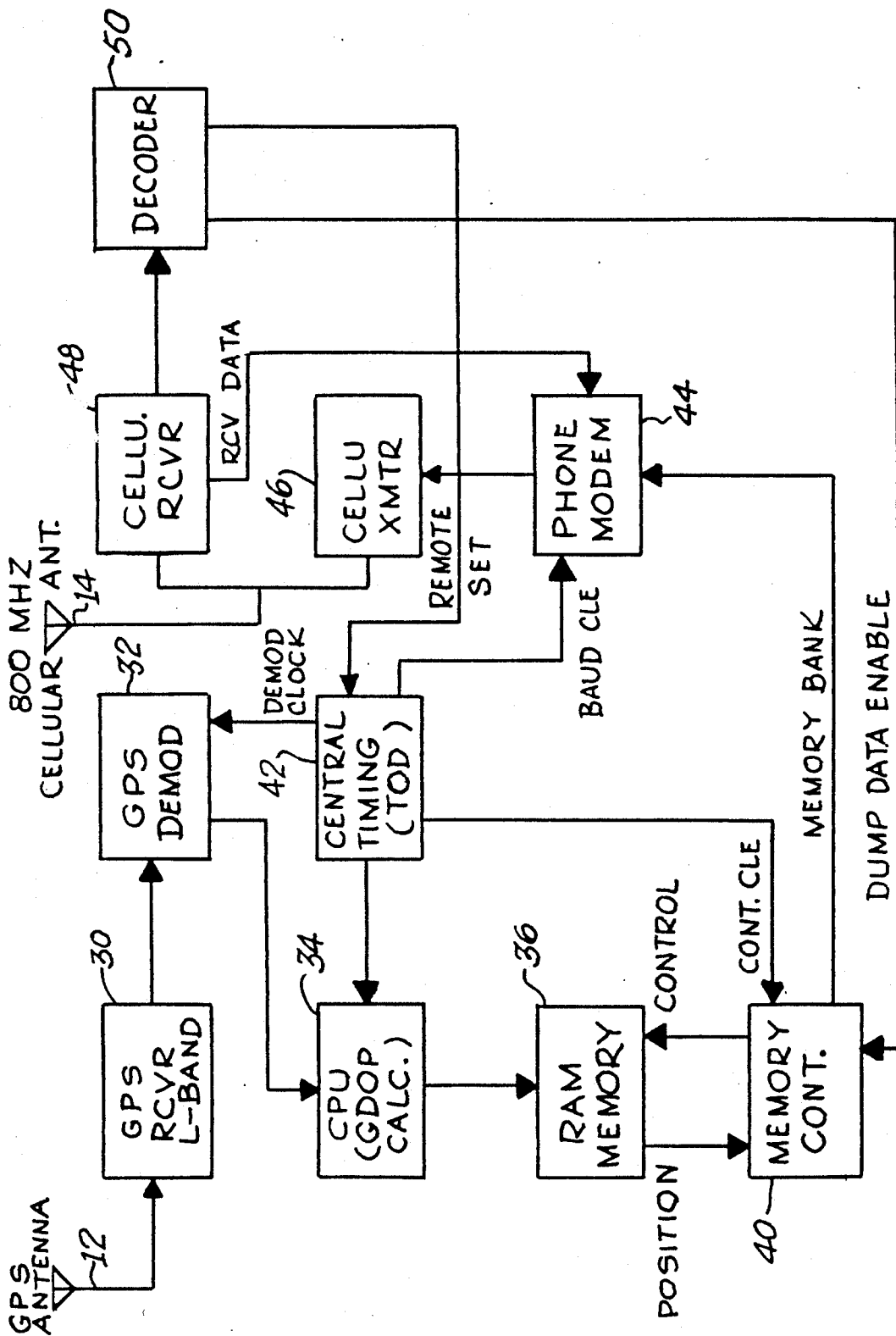


FIG. 4.
REMOTE UNIT

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