

[54] KEY TELEPHONE STATION SET CIRCUIT	3,906,168	9/1975	McEdwen .....	179/99
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[75] Inventors: Donald Dean Huizinga, Indianapolis; Edward William Underhill, Knightstown; James Arthur Whitcomb, Indianapolis, all of Ind.	3,946,146	3/1976	Brown et al. ....	179/99
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[73] Assignee: Bell Telephone Laboratories, Incorporated, Murray Hill, N.J.

Primary Examiner—Kathleen H. Claffy  
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Attorney, Agent, or Firm—John W. Fisher

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[51] Int. Cl.<sup>2</sup> ..... H04Q 5/18

[52] U.S. Cl. .... 179/99; 179/84 L;  
179/84 T

[58] Field of Search ..... 179/99, 18 J, 18 F,  
179/18 FA, 84 T, 84 L

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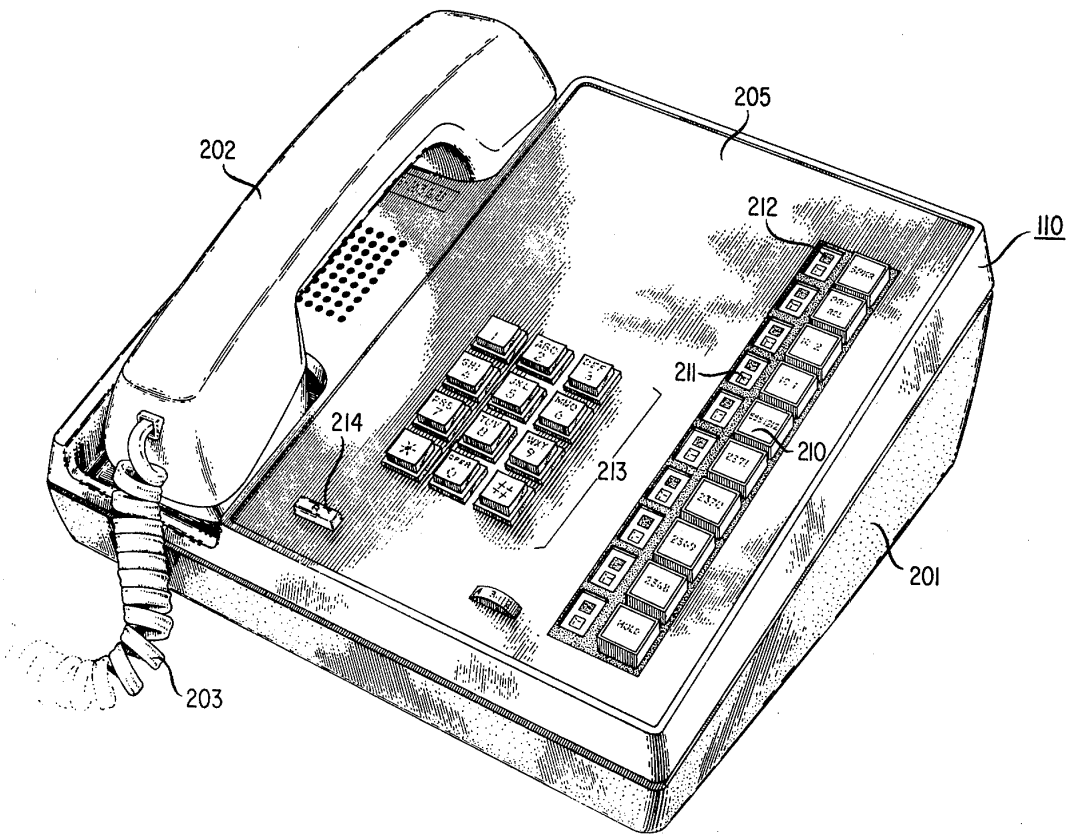
U.S. PATENT DOCUMENTS

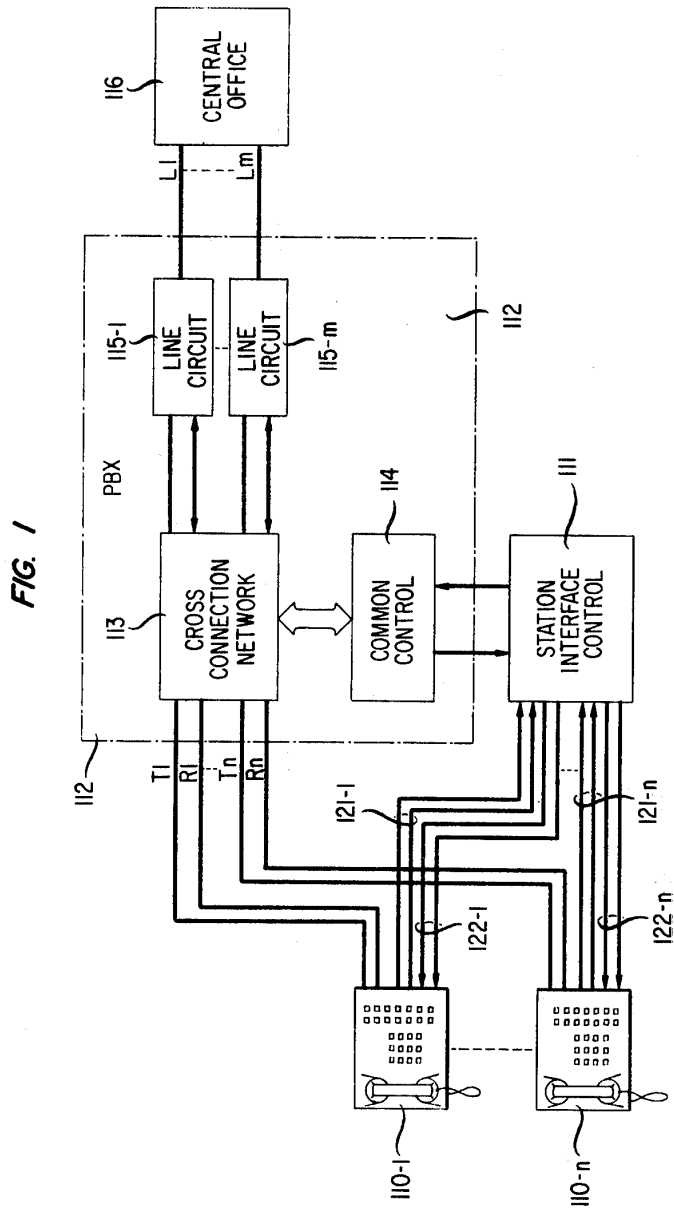
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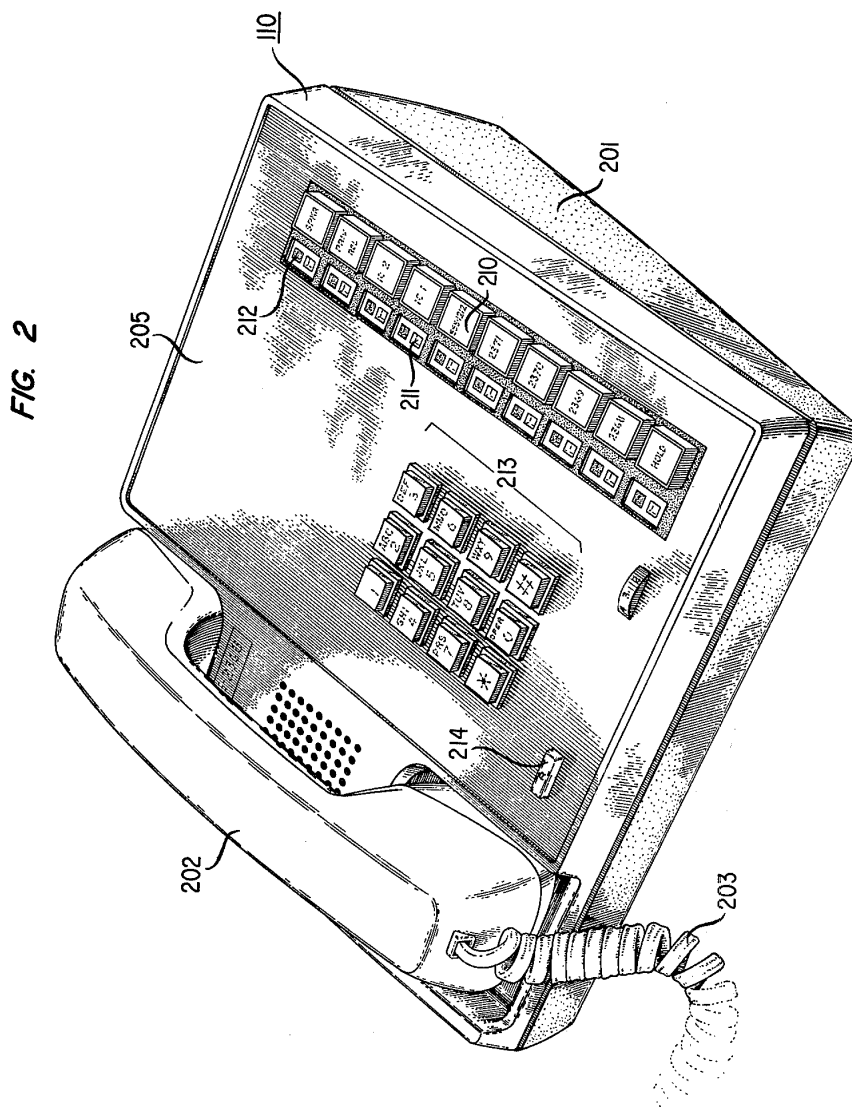
[57] ABSTRACT

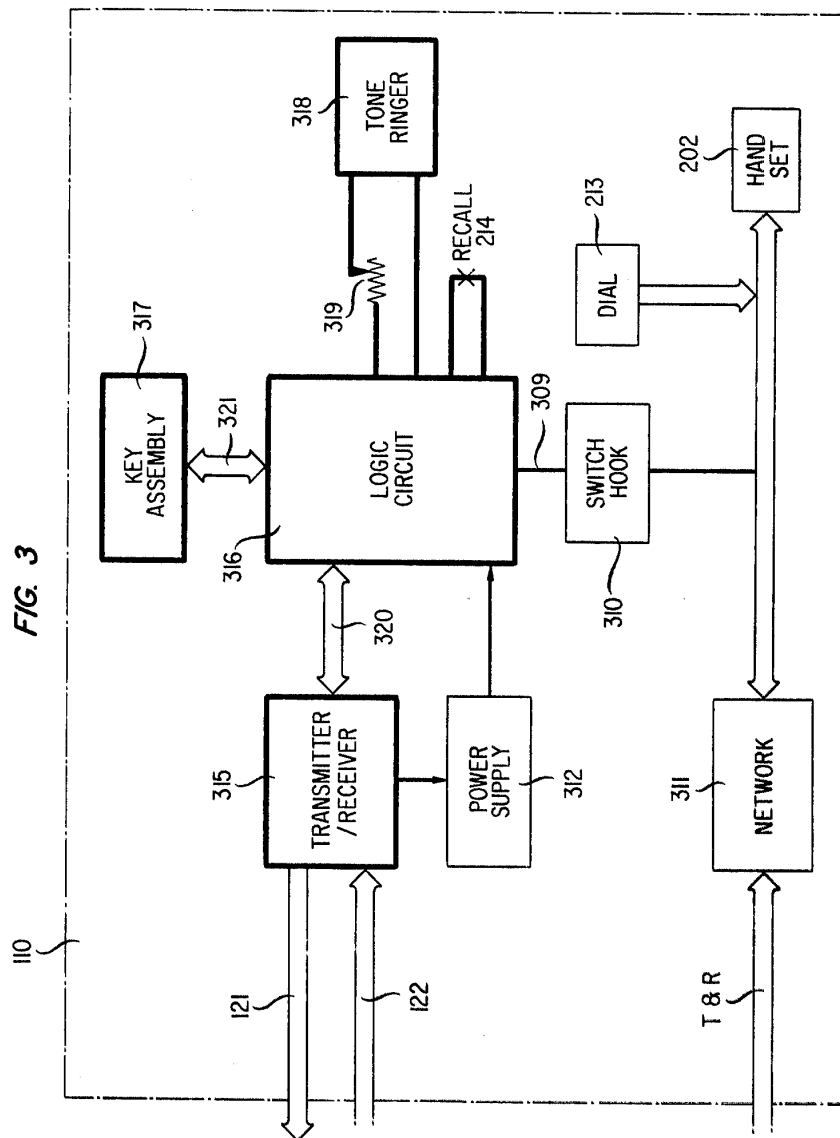
An electronic key telephone station set includes a plurality of nonlocking line selection buttons. Adjacent each button is a pair of light emitting diode lamps, one for indicating which line selection button has been actuated and one for indicating which ones of other lines having an appearance on the station set are in use. Digital data coupled to and from the station set control the activation of the indicating lamps as well as the type of alerting signal generated to indicate an incoming call. Numerous other features may be advantageously implemented under data stream control.

16 Claims, 15 Drawing Figures









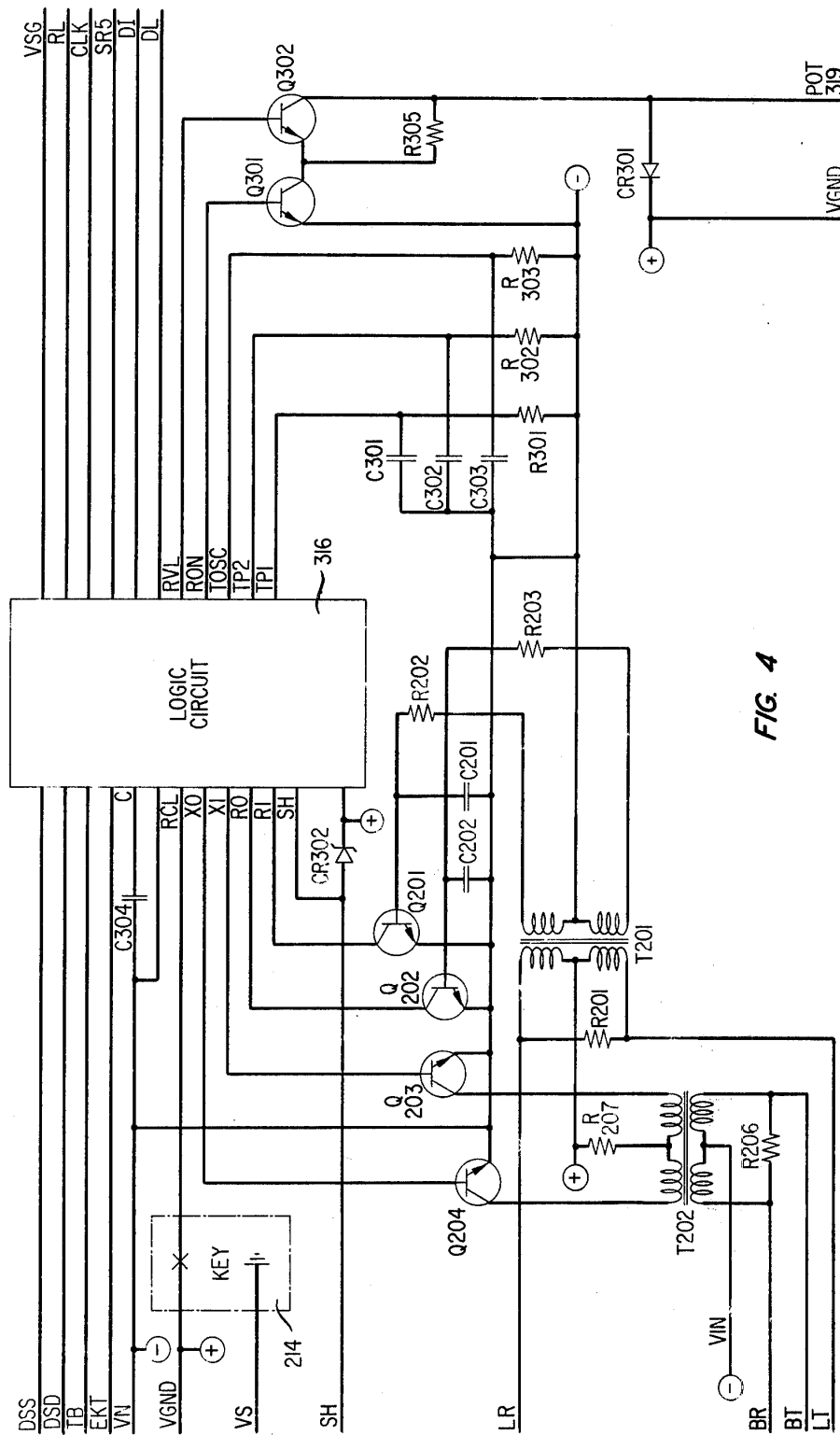


FIG. 4

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