

[54] APPARATUS FOR GENERATING SAMPLE PULSES IN A TELEPHONE IMAGE TRANSMISSION SYSTEM

[75] Inventors: Robert Sherman Hopkins, Jr., Lake Park; David Martin Miller, Palm Beach Gardens, both of Fla.

[73] Assignee: RCA Corporation, New York, N.Y.

[22] Filed: Aug. 10, 1973

[21] Appl. No.: 387,346

[52] U.S. Cl. 178/7.1, 178/DIG. 3

[51] Int. Cl. H04n 5/00

[58] Field of Search 179/15 BS, 2 TC, 2 TV; 178/7.1, 69.5 G, 69.5 TV, DIG. 3, 69.5 R; 328/72, 151, 63; 307/247

[56] References Cited

UNITED STATES PATENTS

3,061,672 10/1962 Wyle 178/DIG. 3

Primary Examiner—Richard Murray
 Assistant Examiner—R. John Godfrey
 Attorney, Agent, or Firm—Eugene M. Whitacre;
 Charles I. Brodsky

[57] ABSTRACT

A frame of stored video information may be considered to comprise a matrix of columns and rows. Correct transmission of this information requires that the sampling of the video elements, column-by-column and row-by-row, be precisely carried out. Two constructions are herein described as employing digital techniques in order to sequentially transmit the information elements along a voice-grade telephone line to be reproduced in a picture display.

5 Claims, 4 Drawing Figures

